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ROTORCRAFT FLIGHT SIMULATION COMPUTER PROGRAM C81 WITH DATAMAP INTERFACE

Volume II — Programmer's Manual

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Final Report

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This report documents an engineering analysis and resulting computer programs for the evaluation of rotary-wing aircraft performance, stability and control, rotor blade loads, maneuvering characteristics and rotor system aeroelastic stability through application of the model technique to the rotor blade equations of motion and stepwise integration of the time domain equations for the rotor, hub, aircraft and control system. Previous versions of the Rotorcraft Flight Simulation Computer Program, C81, have been used successfully to analyze a wide variety of rotorcraft configurations.

This version of C81, designated version AGAP80, was developed by adding some analytical features to the AGAJ76 version, and including the ability to generate Data Transfer Files for use by the File Creation Program of DATAMAP.

The project engineer for this contract was Mr. Donald J. Merkley, Aeromechanics Technical Area, Aeronautical Technology Division.

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20. ABSTRACT (Continue on reverse side if necessary and identify by block number): This report documents the current version in the C81 family of rotorcraft flight simulation programs developed by Bell Helicopter Textron. This current version of the digital computer program is referred to as C81AP80. The accompanying program for calculating fully coupled rotor blade mode shapes is called DNAM05, and an associated rotor wake program is called AR9102.	

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20. Continued

The AGAP80 version of C81 was developed by adding some analytical features to the AGAJ76 version and including the ability to generate Data Transfer Files for use by the File Creation Program of DATAMAP.

An overview of the computer program capabilities and the principal mathematical models incorporated in the program are given in Volume I of the documentation for the AGAJ76 version of the program.

Volume I, the User's Manual, contains ~~the~~ detailed information necessary for setting up an input data deck and interpreting the computed data. Volume II, ~~the Programmer's Manual,~~ includes a catalog of subroutines and a discussion of programming considerations. The source tapes and related software for the computer programs documented in this report are unpublished data on file at the Applied Technology Laboratory, U. S. Army Research and Technology Laboratories (AVRADCOM), Fort Eustis, Virginia.

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PREFACE

This report and its accompanying computer program were developed under Contract DAAK51-79-C-0015, awarded in 1979 by the Applied Technology Laboratory, U.S. Army Research and Technology Laboratories (AVRADCOM). This report supersedes all previous versions of the program and documentation, including USAAMRDL-TR-76-41A, B, C.

Technical program direction for the C81 aspects of the project was provided by Messrs. E. E. Austin and D. J. Merkley of the Applied Technology Laboratory. The principal Bell Helicopter personnel associated with the C81 portion of the current contract were Messrs. J. R. Van Gaasbeek and P. Y. Hsieh.

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1.0 INTRODUCTION

This manual documents the Rotorcraft Flight Simulation Program, designated AGAP80, and its postprocessor for data reduction, designated GDAP80. To the user, this system appears as a single program; to the programmer, the two programs are very different. This documentation is for the programs as they were written for, and are being used on, an IBM System/370 Model 168 computer at Bell Helicopter Textron.

The information in this volume is of two types. Section 2 contains the information necessary to get the programs operational on a computer compatible with the installation at Bell Helicopter Textron. If the programs are to be modified in any way, the programmer will need the information in Sections 3 and 4 of this volume.

2.0 OPERATING ENVIRONMENT AND PROCEDURES

2.1 PROGRAM INSTALLATION

The System/370 environment under which this program is maintained is IBM 370/168 OS/VS2, Release 1.7. There are two Model 168 computers at Bell Helicopter Textron. Each has 16 megabytes of virtual storage and five megabytes of real storage. The two systems are linked in a duplex configuration, which allows disk and tape input/output sharing. The duplex configuration also provides the capability for manual switching of peripheral equipment, such as printers and local or remote teleprocessing controllers, between computers. The two computers have the ability to communicate through a channel-to-channel communication device, which allows job initiation from either system. Input on the system reader is controlled by the Houston Automatic Spooling Program (HASP) II, as is system output destined for an on-line printer or card punch. Scratch data sets are directed to IBM 3350 direct access storage devices. Tape data sets are recorded by Storage Technology Corporation 3670-E tape drives, which are 9-track, 6250 bpi. The CALCOMP 900 plotting controller reads the IBM standard label, 9-track, 1600-bpi tape. It controls a 36-inch CALCOMP 763 incremental plotter.

The program has been maintained with the IBM System/370 FORTRAN IV Enhanced H-Extended Compiler, which is compatible with the Control Data Corporation (CDC) FTN-4 Compiler. Some of the options of the Enhanced H-Extended Compiler used by this program are SOURCE, EBCDIC, NOLIST, NODECK, OBJECT, MAP, NOFORMAT, GOSTMT, XREF, and OPTIMIZE(3). Among these, OBJECT, NOFORMAT, and GOSTMT are equivalent to the options of LOAD, NOEDIT, and ID respectively, on the IBM FORTRAN IV H Compiler. The programs are written to be compiled by the Enhanced H-Extended Compiler as well as the H Compiler. Since the compiler performs essential optimization functions, compilation of this program by using an optimization level less than the highest available will result in decreased speed. The compilation step requires a region of 640K* for the H Extended or the Enhanced H-Extended Compiler or 320K for the H compiler.

---

*"1K" is the abbreviation for kilobyte. On an IBM machine, 1K is 1024 bytes.

AGAP80 can be link-edited in several different ways. The entire program can be loaded to main memory either with or without OVERLAY structure. It can also be loaded to main and/or extended memories with the HIARCHY support structures. The OVERLAY structures developed under this contract for AGAP80 are shown in Table 1 and Table 2. The 500K version of AGAP80 uses the OVERLAY structure given in Table 1. The 600K version of AGAP80 utilizes the OVERLAY structure of Table 2. Section 4.3 describes the differences between the two versions. The best way to link-edit this program depends upon the facilities available at the local installation. The OVERLAY structures documented in this volume are indented and commented to improve readability. The indentation is based on the levels of the overlay tree.

The input data to the linkage editor for GDAP80 are listed in Table 3. The OVERLAY structure results in a program whose longest segment is less than 400K.

As shown on Table 1, the OVERLAY structure of the 500K version uses many levels as well as multiple regions. Since a CDC computer allows only three levels on an overlay structure, the required region (core) size would differ considerably if the 500K version is loaded on a CDC computer. In addition, the accuracy, buffer size, number of buffers, FORTRAN library routines, I/O handling routines, and error handling routine are all different. Since the definition of 1K is also different, it is extremely difficult to determine the required region size for the 500K version on a CDC computer. However, based on past experience, it is estimated that the 500K version can run on a CDC computer in under 300K with $1K=(1000)_8$ words.

The Job Control Language (JCL) used to run a typical set of data is shown in Table 4. The major portion of the JCL listed is an instream PROCEDURE named C8180 that consists of parameter default values and two steps, C81STEP1 and C81STEP2.

The first step (C81STEP1) starts with the execution statement that specifies the program to be executed and the required region size. The STEPLIB statement provides the name of the dataset in which the executable module resides and specifies that the dataset can be shared with other users simultaneously. The FT01F001 statement allocates the analytical data base, which is to be read only, and can be shared. The FT02F001 statement allocates a tape drive for the creation of maneuver restart tapes. Up to 10 magnetic tapes can be used to record the data in the format shown. The tapes are to be kept for the given period and are cataloged under the name given in this statement (a Generation Data Group is used at Bell Helicopter Textron for this purpose). The dataset need

TABLE 1. LINKAGE EDITOR CONTROL CARDS FOR OVERLAY OF AGAP80. (THE 500K VERSION)

```
OVERLAY ONE0  INITIALIZATION SEGMENT     ...THE FIRST REGION...          00000100
   INSERT PDSKED,REDID,REDRWK,REDSWK,START,WKTABN                        00000200
   INSERT IHDNAMEL                                                       00000300
   INSERT ERRCHK,JSTRED,LOGINT,LIZE,MANTYP,MNEM,NPUTUT                   00000400
   INSERT PTROUT,READIN,REDATB,REDBMS,REDCL,REDFTB,SVINT                 00000500
   INSERT TABFIX,TABOUT,XSTINT,YFINIT,YRINIT,YSTNIT,ZERO                 00000600
   INSERT ATMINT,BLMINT,BMSINT,CHDINT,FSMINT,FUSINT                      00000700
   INSERT INHLD,INRMSS,INRO,INRTR,INSCAS,JFBGIN                          00000800
   INSERT MODAL,PYLINT,RTINIT,STBZIN,WRMODE,XCONIN                       00000900
   INSERT SHKINT,ITERIN,TRMINT,WRRWK,WRSWK                               00001000
OVERLAY ONE0  HARMONIC ANALYSIS                                          00001100
   INSERT BLOADS,HARM,LOADT,WRBMTV,WRSMTV                                00001200
OVERLAY ONE0  STABILITY ANALYSIS SEGMENT                                 00001300
   INSERT ALLMAT,ALSTAB,ASTAB,FRQRES,IMFRMP,INVERS                       00001400
   INSERT IOMAT,MURDRS,MODES,NUMRTF,PHSMAG,PUNCH                         00001500
   INSERT SWAP,WRMS,WRTNSF                                               00001600
OVERLAY ONE0  GENERAL PURPOSE SEGMENT                                    00001700
   INSERT ANAL,AZMINT,AZMOUT,AZMUTH,BDPFDD,BUNDER,BUTFLT                 00001800
   INSERT CDCL,CLCD,CMCALC,DIFFER,DOTX,FILTER,FOCUS                      00001900
   INSERT FORCMC,FPYLAC,FUSFNM,GPFLGE,GPSHFT,GRPCNT                      00002000
   INSERT GRPFLT,GRPGRD,GRPRTR,GRPSHP,HRESP,INTFRQ,ITROT                 00002100
   INSERT MBAL,MPCNTL,MPRTR,PDPFDD,PYLACC,RADBGN,RADIAL                  00002200
   INSERT RADOUT,RGUST,ROTAN,RTWAKE,RVRGST,SHKCTL,SHRPYL                 00002300
   INSERT SOLVE,STBFNM,STBINT,STBWAK,SWSRAT,TABINT                       00002400
   INSERT TIMEQO,UNSDER,UNSTED,WING,WNDXFM,WRFM,WRQSDP                   00002500
   INSERT WRTMNV,WSHDOF,XSTORE                                           00002600
   OVERLAY ONE1  MANEUVER AND STABILITY ANALYSIS SEGMENTS                00002700
      INSERT AJACOB,CURR,DAMPER,JACOBI,WRVP                              00002800
      OVERLAY ONE2  STABILITY ANALYSIS SEGMENT                           00002900
         INSERT INSTAB,STAB,WRDELF,WRINST,WRPERT,WRSTAB                  00003000
      OVERLAY ONE2  TRIM SEGMENT                                         00003100
         INSERT AFTRIM,TRIM,TVTRIM                                       00003200
         OVERLAY ONE3                                                    00003300
            INSERT ITRIM,PDZERO,PRETVT                                   00003400
         OVERLAY ONE3                                                    00003500
            INSERT WRDPTM                                                00003600
         OVERLAY ONE3                                                    00003700
            INSERT WRTRIM                                                00003800
   OVERLAY ONE1  MANEUVER SEGMENT                                        00003900
      INSERT DERIV,FLRINT,FUSACC,MANU,QSBDPF,QUAN,SCASIT,VARI            00004000
      OVERLAY ONE2                                                       00004100
         INSERT AUXJET,BRTRFM,CNTM,FLDRH,FLPSTP,MOMB                     00004200
      OVERLAY ONE2                                                       00004300
         INSERT EXTORS,WAG                                               00004400
      OVERLAY ONE2                                                       00004500
         INSERT GUST,VORGST                                              00004600
      OVERLAY ONE2                                                       00004700
         INSERT MTLT,SUPERP,VGUNS,VSCAS,VTEFA                            00004800
OVERLAY TWO0(REGION)  MANEUVER SEGMENT    ...THE SECOND REGION...        00004900
   INSERT INIT,TIMLP                                                     00005000
   OVERLAY TWO1                                                          00005100
      INSERT WRMANU                                                      00005200
   OVERLAY TWO1                                                          00005300
      INSERT RESTRT                                                      00005400
      OVERLAY TWO2                                                       00005500
         INSERT SIVAR                                                    00005600
      OVERLAY TWO2                                                       00005700
         INSERT TIVAR                                                    00005800
ENTRY MAIN                                                               00005900
```

TABLE 2. LINKAGE EDITOR CONTROL CARDS FOR OVERLAY OF AGAP80. (THE 600K VERSION)

```
OVERLAY ONE0  INITIALIZATION SEGMENT     ...THE FIRST REGION...          00000100
   INSERT POSREQ,REDID,REDRWK,REDSWK,START,WKTABN                        00000200
   INSERT THONAME                                                        00000300
   INSERT ERRCHK,JSTREQ,LGCINT,LIZE,MANTYP,MNEM,NPUTOT                   00000400
   INSERT PTHOUT,READIN,REDATB,REDBMS,REDCL,REDFTS,SVINT                 00000500
   INSERT TABFIX,TABOUT,XSTINT,YFINIT,YRINIT,YSINIT,ZERO                 00000600
   INSERT ATMINT,BLMINT,BMSINT,CMDINT,FSMINT,FUSINT                      00000700
   INSERT INBLD,INEMSS,INRQ,INKTR,INSCAS,JFBGIN                          00000800
   INSERT MODAL,PYLINT,RTINIT,STBZIN,WRMODL,XCONIN                       00000900
   INSERT SHKINT,ITERIN,TRMINT,WRRWK,WRSWK                               00001000
OVERLAY ONE0  HARMONIC ANALYSIS                                          00001100
   INSERT RLOADS,HARM,LOADT,WRBMTV,WRSMTV                                00001200
OVERLAY ONE0  STABILITY ANALYSIS SEGMENT                                 00001300
   INSERT ALLMAT,ALSTAB,ASTAB,FRQRES,IMFRMP,INVERS                       00001400
   INSERT IOMAT,MDRDRS,MODES,NUMRTF,PHSMAG,PUNCH                         00001500
   INSERT SWAP,WRMDS,WRTNSF                                              00001600
OVERLAY ONE0  GENERAL PURPOSE SEGMENT                                    00001700
   INSERT ANAL,AZMINT,AZMOUT,AZMUTH,BDPFDD,BUNDER,BUTFLT                 00001800
   INSERT CUCL,CLCD,CMCALC,DIFFER,DUTA,FILTER,FOCUS                      00001900
   INSERT FORCMC,FPYLAC,FUSFNM,GPFLGE,GPSHFT,GRPCNT                      00002000
   INSERT GRPFLT,GRPORD,GRPRTR,GRPSHP,HRESP,INTERQ,ITROT                 00002100
   INSERT MHAL,MPCNTL,PRTR,PDPFDD,PYLACC,RADBGN,RADIAL                   00002200
   INSERT RADOUT,RGUST,ROTAN,RTWAKE,RVRGST,SHKCTL,SHRPYL                 00002300
   INSERT SOLVE,STRFNM,STGINT,STBWAK,SWSRAT,TABINT                       00002400
   INSERT TIMEDD,UNSDER,UNSTED,WING,WNDXFM,WRFM,WRQSDP                   00002500
   INSERT WRTMNV,WSHDUE,XSTORE                                           00002600
   OVERLAY ONE1  MANEUVER AND STABILITY ANALYSIS SEGMENTS                00002700
      INSERT AJACOB,CURR,DAMPER,JACOBI,WRVP                              00002800
      OVERLAY ONE2  STABILITY ANALYSIS SEGMENT                           00002900
         INSERT INSTAB,STAB,WRDELF,WRINST,WRPERT,WRSTAB                  00003000
      OVERLAY ONE2  TRIM SEGMENT                                         00003100
         INSERT AFTRIM,TRIM,TVTRIM                                       00003200
         INSERT ITRIM,PUZERO,PRETVT                                      00003300
         INSERT WROPTM                                                   00003400
         INSERT WRTRIM                                                   00003500
   OVERLAY ONE1  MANEUVER SEGMENT                                        00003600
      INSERT DERIV,FLRINT,FUSACC,MANU,OSBOPF,QUAN,SCASIT,VARI            00003700
      INSERT AUXJET,BRTREM,CNTM,FLDRH,FLPSTP,MOMB                        00003800
      INSERT EXTORS,WAC                                                  00003900
      INSERT GUST,VORGST                                                 00004000
      INSERT MTLT,SUPERP,VGUNS,VSCAS,VTPFA                               00004100
OVERLAY TWO0(REGION)  MANEUVER SEGMENT     ...THE SECOND REGION...       00004200
   INSERT INIT,TIMLP                                                     00004300
   OVERLAY T*01                                                          00004400
      INSERT WRMANU                                                      00004500
   OVERLAY TW01                                                          00004600
      INSERT RESTRT                                                      00004700
      OVERLAY TW02                                                       00004800
         INSERT SIVAR                                                    00004900
      OVERLAY T*02                                                       00005000
         INSERT TIVAR                                                    00005100
ENTRY MAIN                                                               00005200
```

TABLE 3. LINKAGE EDITOR CONTROL CARDS FOR OVERLAY OF GDAP80.

```
OVERLAY ONE  - - - - - PRONY'S STABILITY ANALYSIS - - - - - -          00000100
   INSERT ALLMAT,DLLSQ,EXPON,PROVAL,VSRTPM,YNORP                       00000200
OVERLAY ONE  - - - - - DATA TRANSFER FILE FOR DATAMAP - - - -          00000300
   INSERT DECODE,DTFDTA,DTFITM,DTFKTR,DTFMAP,DTFNFO,DTFNST             00000400
   INSERT JULIAN,TIMOD                                                 00000500
OVERLAY ONE  - - - - - ALL OTHER OPTIONS - - - - - - - - - -           00000600
   INSERT PLOT                                                         00000700
   OVERLAY TWO                                                         00000800
      INSERT CNTPLT,CONTUR,CURVET,CBIL,HEADS,LHEAD                     00000900
      INSERT MOVBLK,RANGE                                              00001000
   OVERLAY TWO                                                         00001100
      INSERT BUFF,LINE,NUMBER,SYMBOL                                   00001200
      OVERLAY THREE                                                    00001300
         INSERT AXIS,FSFT,HARM,PLOTER,SCALE#                           00001400
      OVERLAY THREE                                                    00001500
         INSERT CALCB1,INPLOT,PPLOT,SCALIT,SCLFIX                      00001600
ENTRY MAIN                                                             00001700
```

TABLE 4. JOB CONTROL LANGUAGE TO RUN AGAP80 AND GDAP80.

```
//S110376P JOB (AGAP80,638,687129,DP06,TS),'PY                    2841',      00000100
//     NOTIFY=S110374,MSGLEVEL=1,CLASS=X,MSGCLASS=A                            00000200
//*                                                                            00000300
//C8180    PROC PROG=AGAP80,LIB='ENGR.C81.LOAD',BLK=10732,LRL=10728,          00000400
//              RESTI=NULLFILE,RESTO=NULLFILE,TMIN=NULLFILE,                   00000500
//              TMOUT=NULLFILE,TMSER=0,SYSPLOT=NULLFILE,                       00000600
//              SIZE1=576K,SIZE2=576K,DTF=NULLFILE,DTFX=NULLFILE,              00000700
//              GRAPH=GDAP80,LIB1='ENGR.C81.LOAD',                             00000800
//              DAYMAN=98010,DAYPLT=98003,DAYRST=99000                         00000900
//*                                                                            00001000
//*             PARAMETERS ON THE EXEC STATEMENT:                              00001100
//*       NAME        DEFAULT          USAGE                                   00001200
//*       -----       ---------        ------------------------------------    00001300
//*       PROG        AGAP80           PROGRAM NAME                            00001400
//*       GRAPH       GDAP80           POSTPROCESSOR NAME                      00001500
//*       LIB         ENGR.C81.LOAD    LIBRARY WHERE PROGRAM RESIDES           00001600
//*       LIB1        ENGR.C81.LOAD    LIBRARY WHERE POSTPROCESSOR RESIDES     00001700
//*       BLK         10720            BLOCKSIZE OF C81STEP1.FT03F001          00001800
//*                                              C81STEP2.FT03F001              00001900
//*                                              C81STEP2.FT04F001              00002000
//*                                              C81STEP2.FT09F001              00002100
//*       RESTI       NULLFILE         DSNAME FOR RESTART TAPE INPUT           00002200
//*       RESTO       NULLFILE         DSNAME FOR RESTART TAPE OUTPUT          00002300
//*       TMIN        NULLFILE         DSNAME FOR TIME HISTORY INPUT           00002400
//*       TMOUT       NULLFILE         DSNAME FOR TIME HISTORY OUTPUT          00002500
//*       TMSER       0                VOL=SER FOR TIME HISTORY INPUT TAPE     00002600
//*       TPS                          ANY TAPE DRIVE                          00002700
//*       SYSPLOT     NULLFILE         DSNAME FOR PLOT TAPE                    00002800
//*       DAYMAN      98010            RETAIN MANU TAPE FOR 10 DAYS            00002900
//*       DAYPLT      98003            RETAIN PLOT TAPE FOR 3 DAYS             00003000
//*       DAYRST      99000            RETAIN RESTART TAPE TILL UNCATLG        00003100
//*       DTF         NULLFILE         C81-DATAMAP DTF W INTERNAL FRMT         00003200
//*       DTFX        NULLFILE         C81-DATAMAP DTF W EXTERNAL FRMT         00003300
//*                                                                            00003400
//C81STEP1 EXEC PGM=&PROG,REGION=&SIZE1                                        00003500
//STEPLIB  DD  DISP=SHR,DSN=&LIB                                               00003600
//FT01F001 DD  DSN=ENGR.C81.DATA.LABEL=(,,,IN),DISP=SHR                        00003700
//*            DCB=(RECFM=FB,LRECL=80,BLKSIZE=3120)                            00003800
//FT02F001 DD  UNIT=(TPS,,DEFER),DISP=(,CATLG,DELETE),DSN=&RESTO,              00003900
// LABEL=EXPDT=&DAYRST,DCB=(RECFM=VS,BLKSIZE=32760),                           00004000
// VOL=(,,,10)                                                                 00004100
//FT03F001 DD  UNIT=(SYSDA,2),SPACE=(CYL,(1,10)),DSN=&MANU,                    00004200
//             DCB=(RECFM=VBS,LRECL=&LRL,BLKSIZE=&BLK),                        00004300
//             DISP=(NEW,PASS)                                                 00004400
//FT04F001 DD  UNIT=(TPS,,DEFER),DISP=OLD,DSN=&RESTI,VOL=(,,,10)               00004500
//FT05F001 DD  DDNAME=IN                                                       00004600
//FT06F001 DD  SYSOUT=A                                                        00004700
//FT07F001 DD  SYSOUT=B,DCB=FUNC=I                                             00004800
//FT08F001 DD UNIT=SYSDA,SPACE=(CYL,(1,10)),DSN=&MANPTB,                       00004900
//             DCB=(RECFM=VBS,LRECL=3996,BLKSIZE=4000),                        00005000
//             DISP=(NEW,DELETE)                                               00005100
//FT10F001 DD  UNIT=SYSDA,SPACE=(CYL,(1,1)),DSN=&SYSIN1,                       00005200
//             DCB=(RECFM=FB,LRECL=80,BLKSIZE=3120),                           00005300
//             DISP=(NEW,DELETE)                                               00005400
//FT11F001 DD  DSN=&SYSIN2,UNIT=SYSDA,SPACE=(CYL,(1,1)),                       00005500
//             DCB=(RECFM=F,BLKSIZE=80),DISP=(NEW,PASS)                        00005600
//FT14F001 DD UNIT=(SYSDA,2),SPACE=(CYL,(1,10)),DSN=&HARN,                     00005700
//             DCB=(RECFM=VBS,LRECL=5636,BLKSIZE=5640),                        00005800
//             DISP=(NEW,DELETE)                                               00005900
//SYSUDUMP DD SYSOUT=A                                                         00006000
//C81STEP2 EXEC PGM=&GRAPH,COND=((4,LE,C81STEP1),EVEN),REGION=&SIZE2           00006100
//STEPLIB  DD  DISP=SHR,DSN=&LIB1                                              00006200
//FT03F001 DD DISP=(NEW,DELETE),DSN=&NAMEUVR,UNIT=(SYSDA,2),                   00006300
//             SPACE=(CYL,(4,4)),                                              00006400
//             DCB=(RECFM=VBS,LRECL=&LRL,BLKSIZE=&BLK)                         00006500
//FT04F001 DD DISP=(OLD,DELETE),DSN=&MANU                                      00006600
//FT05F001 DD  SYSOUT=A                                                        00006700
//FT08F001 DD  UNIT=(TPS,,DEFER),DISP=OLD,DSN=&TMIN,VOL=SER=&TMSER             00006800
//FT09F001 DD  UNIT=(TPS,,DEFER),DISP=(,KEEP,DELETE),DSN=&TMOUT,              *00006900
//             DCB=(RECFM=VBS,LRECL=&LRL,BLKSIZE=&BLK),                        00007000
//             LABEL=EXPDT=&DAYMAN                                             00007100
//FT10F001 DD  DISP=(OLD,DELETE),DSN=&SYSIN2                                   00007200
//FT10F002 DD  DUMMY                                                           00007300
//FT14F001 DD  DSN=&DTF,UNIT=SYSDA,SPACE=(CYL,(1,10)),                        *00007400
//             DCB=(RECFM=VBS,LRECL=4100,BLKSIZE=4104),                        00007500
//             DISP=(NEW,CATLG)                                                00007600
//FT17F001 DD  DSN=&DTFX,UNIT=SYSDA,SPACE=(CYL,(1,10)),                        00007700
//             DCB=(RECFM=FB,LRECL=4096,BLKSIZE=4096),                         00007800
//             DISP=(NEW,CATLG)                                                00007900
//FT18F001 DD  DSN=&&DECODE,UNIT=SYSDA,SPACE=(TRK,(1,1)),                      00008000
//             DCB=(RECFM=FB,LRECL=256,BLKSIZE=4096),                          00008100
//             DISP=(NEW,DELETE)                                               00008200
//PLOTTAPE DD  UNIT=(TPS,,DEFER),DSN=&SYSPLOT,VOL=PRIVATE,                     00008300
//             LABEL=EXPDT=&DAYPLT                                             00008400
//SYSUDUMP DD SYSOUT=A                                                         00008500
//     PEND    THIS IS THE END OF THE IN-STREAM PROCEDURE                      00008600
//C80   EXEC C8180,TIME=10                                                     00008700
//FIN DD *                                                                     00008800
/*                                                                           00008900
//                                                                           00009000
```

not be cataloged, nor must magnetic tapes be used for this option, but the JCL must be modified appropriately to provide a disk dataset with the appropriate space.

The FT03F001 statement is used to create a temporary dataset containing time-history data to be passed to and processed subsequently by the program called in C81STEP2. Up to two disk packs are allocated and the data are stored in the format shown. Maneuver restart tapes generated by a previous C81 run are allocated by the FT04F001 statement. If the input data are not in a cataloged dataset, this statement must be modified appropriately.

The FT05F001 statement assigns either the card reader or a kept dataset for user input. The FT06F001 statement assigns the output to be printed to an online printer, while the FT07F001 statement routes the output to be punched to a card punch device.

The FT08F001 statement is used to create a temporary dataset for a maneuver perturbation run. The dataset resides on a disk pack with the space allocated and the format specified. The FT10F001 statement is used to create a temporary dataset on a disk pack with the space allocated and the format specified. This dataset is copied from and part of the input made through the FT05F001 statement; it is the input to the program specified under the STEPLIB statement of this step. The primary reason for copying the data to a disk is to support the BACKSPACE statement in the program.

The FT11F001 statement is used to create a temporary dataset on a disk pack with the space allocated and the format specified. This dataset, which is copied from and is the remaining part of the input made through the FT05F001 statement, is passed to C81STEP2. The FT14F001 statement is used to create a temporary dataset on up to two disk packs, with the space allocated and the format specified, for the time-variant trims so that the time-history data can be read back and the harmonic analysis can be performed. The SYSUDUMP statement is used to provide a core dump in case a run is ended abnormally.

The second step (C81STEP2) starts with the execution statement that specifies the program to be executed and the required region size. This statement also specifies that the step will be executed if the return code of the previous step has a value of four or less. The STEPLIB statement provides the name of the dataset in which the executable module resides and specifies that the dataset can be shared with other users simultaneously.

The FT03F001 statement is used to create a work file from the dataset of the FT04F001 statement. The latter was created by the FT03F001 statement of C81STEP1. The dataset is passed for use in this step, the program has exclusive usage of it, and the dataset will be deleted at the end of this step. Operationally, the program copies Postprocessing Data Blocks (see Section 5.1 of Volume I for a description of a PDB) one at a time from the dataset under the FT04F001 statement to the dataset defined by the FT03F001 statement and performs processing on it. The program repeats this procedure until all requested Postprocessing Data Blocks are processed.

The FT06F001 statement assigns the output to be printed to an online printer. The FT08F001 statement allocates a tape drive to restore time-history data from a magnetic tape to a disk. A user must override the default dataset name and the tape reel number. The FT09F001 statement also allocates a tape drive, but for the opposite purpose. It copies the time-history data from a disk to a magnetic tape in the format shown with the dataset name given through the parameter substitution. The tape will be retained for the number of days requested if the step is successful. The FT10F001 statement specifies that the dataset containing the user input to this program was created by the FT11F001 statement of C81STEP1. The program has exclusive usage of that dataset, which will be deleted at the end of this step.

The FT16F001 statement is used to create a cataloged data transfer file with the space allocated, in the format shown, and with the name given through parameter substitution. This dataset is created by FORTRAN unformatted I/Ø or internal format. The FT17F001 statement serves the same purpose except that this dataset is created by FORTRAN formatted I/Ø or external format. The FT18F001 statement allocates a small work space for the program to perform character manipulation for the item codes of the data transfer file by using FORTRAN READ and WRITE statements.

The PLOTTAPE statement is used to create a magnetic tape, with the name specified in the parameter substitution, for CALCOMP plot off-line processing. The tape will be retained for the number of days requested. The SYSUDUMP statement is used to provide a core dump in case a run is ended abnormally.

Table 5 and Table 6 summarize the input/output units used by AGAP80 and GDAP80, respectively. Figure 1 shows the input/output allocations of Tables 5 and 6. Under the INPUT column in Figure 1, CARD represents the instream input to AGAP80, TAPE represents the restart tape input to AGAP80, and DISK represents either the data library, disk storage

TABLE 5. INPUT/OUTPUT UNITS USED IN AGAP80

Unit No.	Type	Used For	Used by Subroutine
1	Direct access	Permanent data storage of the data base	JSTRED, PDSRED, REDATB, REDBMS, REDCL, REDFTB, REDID, REDRWK, REDSWK
2	Tape	New restart tape	RESTRT
3	Direct access	Utility storage of maneuver time history to pass to GDAP80	MAIN, SAVTHS
4	Tape	Old restart tape	RESTRT
5	Card reader	Input data	MAIN
6	Printer	Printed output	**
7	Card punch	Punched output	PUNCH
8	Direct access	Utility storage of trim condition	TIMEQ0
10	Direct access	Utility storage of AGAP80 input data	JSTRED, MAIN, READIN, REDATB, REDBMS, REDCL, REDFTB, REDID, REDRWK, REDSWK
11	Direct access	Passing input data to GDAP80	MAIN, READIN
14	Direct access	Utility storage of trim history	AFTRIM, LOADT TVTRIM
SYSU-DUMP	Direct access	Core Dump	Operating System

** ALLMAT, ALSTAB, AZMOUT, AZMUTH, CDCL, CHDINT, CLCD, CORR, ERRCHK, EXTORS, FUSACC, FUSINT, HRESP, INBLD, INBMSS, INRO, INSTAB, INVERS, IOMAT, ITERIN, ITRIM, JFBGIN, LGCINT, LOADT, MAIN, MANTYP, MBAL, MNEM, MODAL, NPUTOT, NUMRTF, PDPFDD, PHSMAG, RADOUT, READIN, REDID, REDRWK, REDSWK, SHKINT, SIVAR, SOLVE, STAB, START, TABOUT, TIVAR, TRIM, TRMINT, TVTRIM, VIND, WAG, WRBMTV, WRCMMT, WRDELF, WRFM, WRINST, WRMANU, WRMODE, WRMS, WROPTM, WRPERT, WRQSDP, WRRWK, WRSMTV, WRSTAB, WRSWK, WRTMNV, WRTNSF, WRTRIM, WRVP, XCONIN, YFINIT, YRINIT, YSINIT

TABLE 6. INPUT/OUTPUT UNITS USED IN GDAP80

Unit No.	Type	Used For	Used by Subroutine
3	Direct access	Utility storage of maneuver time history	CONTUR, CURVET, C81L, DTFDTA, DTFITM, DTFNFO, FSFT, MAIN, MOVBLK, PRONY, SCALIT
4*	Direct access	Maneuver time history from AGAP80 or Tape 8	C81L, MAIN
6	Printer	Printed output	CALC81, CNTPLT, CONPLT, CONTUR, CURVET, C81L, DTFITM, DTFKTR, DTFMAP, DTFNFO, DTFNST, EXPON, FSFT, HEADS, MAIN, MOVBLK, PPLOT, PRONY, WROT1
8	Tape	Old time-history tape	C81L, MAIN
9	Tape	New time-history tape	C81L, MAIN
10**	Direct access	Input data from AGAP80	CONTUR, CURVET, C81L, DTFITM, DTFNFO, DTFNST, FSFT, MAIN, MOVBLK, PRONY, SCALIT
16+	Direct access	Data Transfer File for interface with DATAMAP	DTFDTA, DTFITM, DTFKTR, DTFNFO, DTFNST, MAIN
17+	Direct access	Data Transfer File for interface with DATAMAP	DTFDTA, DTFITM, DTFKTR, DTFNFO, DTFNST, MAIN
18	Direct access	Utility storage for item codes for Data Transfer File of DATAMAP	DTFMAP, DECODE
PLOT-TAPE	Tape	Plot maneuver time history in GDAP80	CALC81, PLOTER
SYSU-DUMP	Direct access	Core Dump	Operating System

*The dataset for this unit comes from the dataset created by Unit 3 of AGAP80.

**The dataset for this unit comes from the dataset created by Unit 11 of AGAP80.

+Unit 16 or 17 creates the Data Transfer File with internal format or external format, respectively.

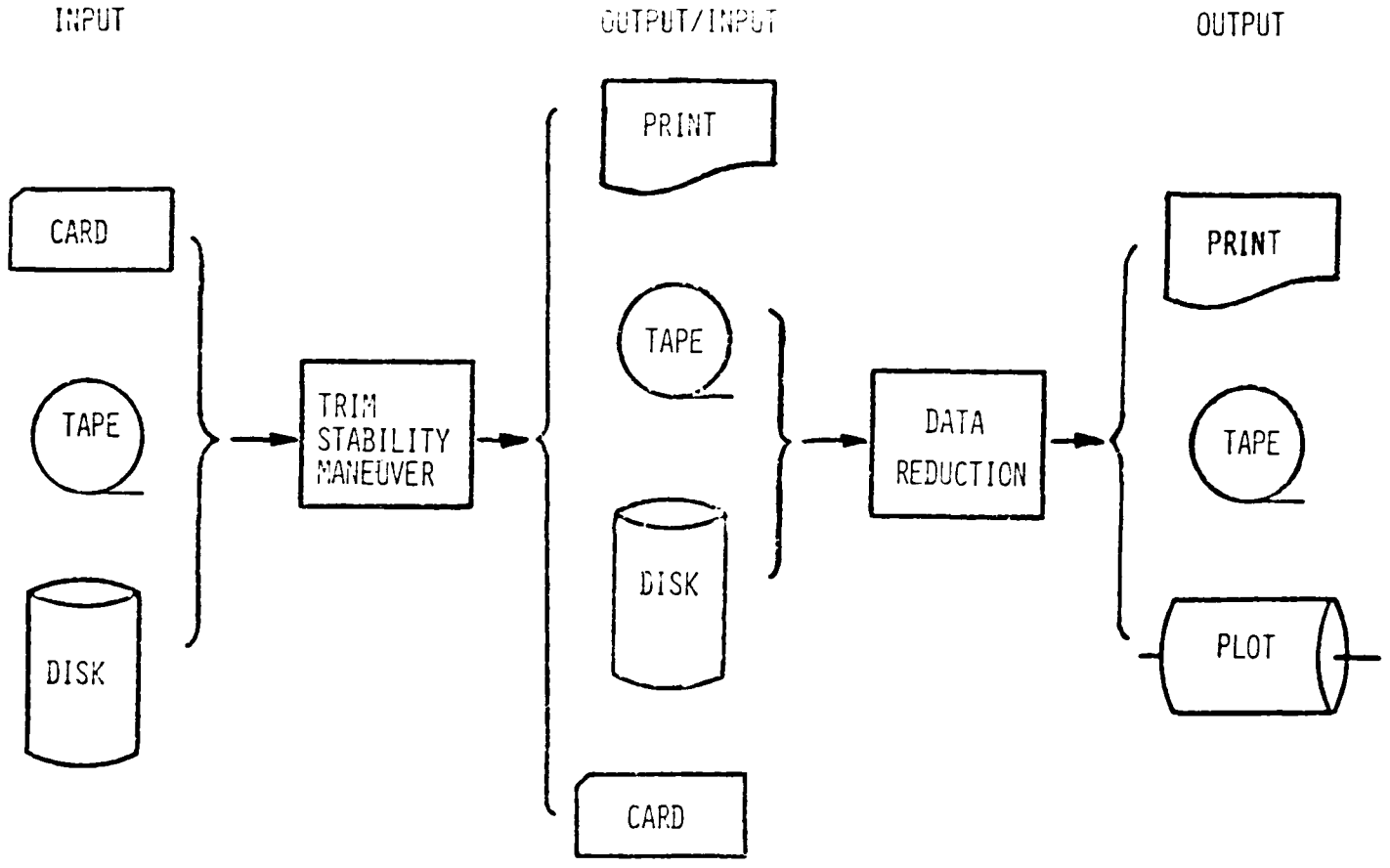


Figure 1. Execution of AGAP80 and GDAP80.

of all arrays that can be changed by the namelist option, or disk storage of the instream input. DISK provides the capability of backing up (BACKSPACE). Under the OUTPUT/INPUT column, PRINT is for the printout from AGAP80, TAPE for the output of a new restart tape from AGAP80, DISK for disk storage of maneuver time-histories, disk storage of trim conditions for a maneuver perturbation case, and disk storage of time histories from time-variant trims of AGAP80.

Under this column, TAPE also represents the input of a time-history tape that was created by an earlier run, and DISK represents maneuver time histories, and input data that are passed to GDAP80 from AGAP80. Under the OUTPUT column, PRINT is for printout from GDAP80, TAPE for the output of a new time-history tape from GDAP80, and PLOT for plotting of maneuver time histories from GDAP80.

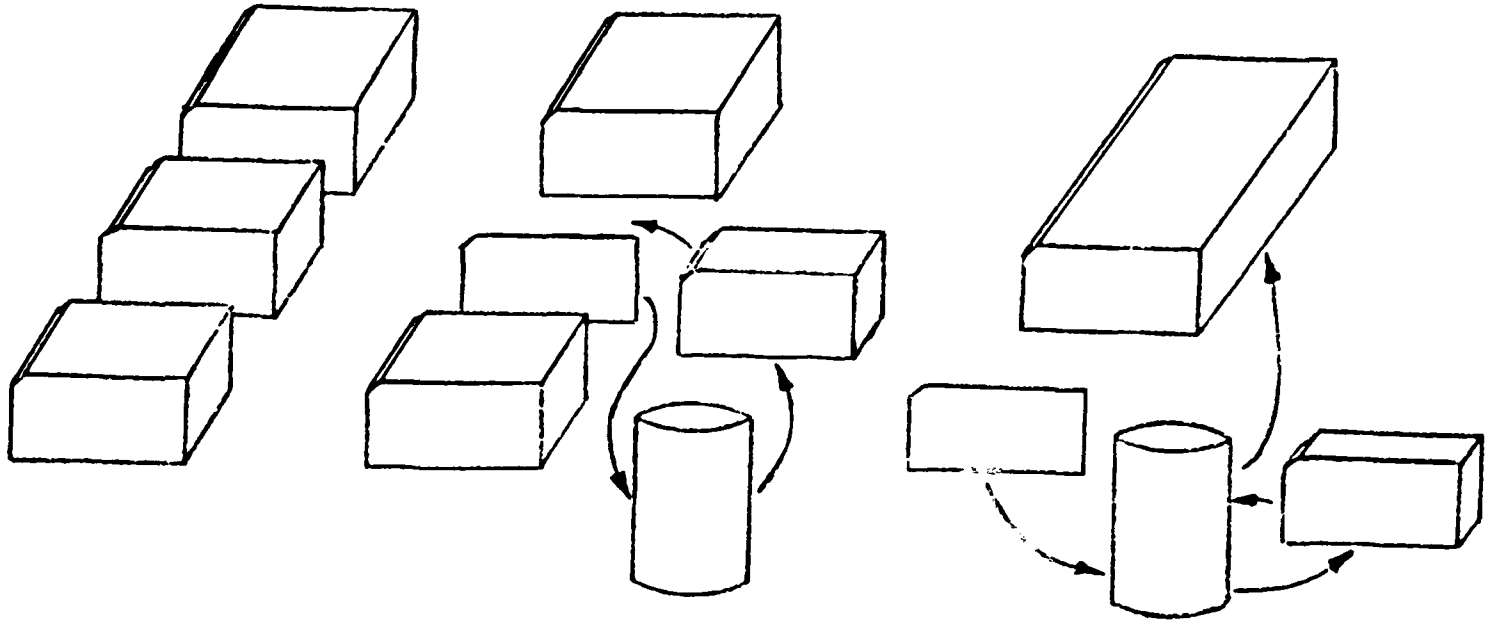
2.2 ANALYTICAL DATA BASE

The Analytical Data Base (ADB) can be a sequential or a partitioned data set. This documentation discusses sequential organization.

The ADB can be created by an IBM utility routine such as IEBGENER. The input to this routine is the data to be stored on the Data Base as discussed in Section 4.1.2 of Volume I. The ADB can reside either on a disk pack as a cataloged/kept data set or on a magnetic tape as a kept data set. A cataloged data set which resides on a disk pack can be maintained easily through the IBM Time Sharing Option (TSO).

Figure 2 shows the applications of the Analytical Data Base. Figure 2(a) indicates that all the input data are on cards with no data from the ADB. Figure 2(b) shows a deck using a combination of cards and the ADB. In this case, a Group Data Set is read from the ADB. Figure 2(c) shows an input deck using the ADB only, except message cards which are not shown. In this case, a Model Data Set is read. Since each element of the MODEL array is a Group Data Set Identification Card, the program in turn reads each group sequentially.

The Analytical Data Base consists of Group Data Sets and Model Data Sets. A Group Data Set contains all the data for one C81 input group, e.g., the Rotor 1 Group. The unique alphameric name of the particular Group Data Set must be left-justified in the first eight columns of the first card of the data set. Columns 9 through 72 of the first card are reserved for descriptive information, such as the name of the person responsible for the data set, the date the data set



a) Cards b) Cards and Data Library c) Data Library

Figure 2. AGAP80 Input Data Decks.

was last updated, and a reference to a document or documents describing the sources of the data. The second card in the Group Data Set is the Group ID card (CARD 30, Volume I, for example). The remaining cards contain the numerical data required for the group, such as CARDs 31 through 38 (Volume I) for a simple rotor group.

A Model Data Set is used to provide a one-card reference for all the inputs for a rotorcraft. The first card of this type of data set contains the alphameric name of the data set, left-justified in Columns 1 through 8. The name must start with the characters MODL, with the remaining four characters designating the specific Model Data Set. Columns 9 through 72 of this first card are reserved for descriptive information. The 49 remaining cards in the Model Data Set contain the names of Group Data Sets already on the ADB (Table I, Volume I). The Group Data Set names must be left-justified in Columns 1 through 8, with Columns 9 through 72 available for commentary. If a particular group is not used in a model of the rotocraft, a blank card must still be placed in the appropriate place in the Model Data Set. For example, the mathematical model of a UH-1H would not need a wing group, so the 35th data card (37th card overall) of the Model Data Set for the UH-1H would be a blank card.

If the Analytical Data Base is stored sequentially (instead of random access), all Model Data Sets must come after all Group Data Sets.

3.0 GENERAL PROGRAMMING AIDS

3.1 MACRO FLOW CHARTS

The flow charts in Figures 3 through 7 describe the functional structure of the program without regard to flow by subroutine. Figure 3 shows the total program structure. Figure 4 provides some detail of the trim process. Figure 5 amplifies the rotorcraft stability analysis. Figure 6 gives some flow logic of the Runge-Kutta Method employed in maneuver functions. Figure 7 details the data reduction program.

3.2 FORTRAN SUBROUTINES IN AGAP80

There are 189 FORTRAN routines in AGAP80. They are listed in alphabetical order. The primary routine is called MAIN. Those which start with RED are "read-in" routines. Those which begin with WR are "write-out" routines. For those with multiple entry points, the last letter of the routine name is replaced by a number, in ascending order, to indicate the sequence of the additional entry points. The remarks for each routine indicate its general purpose or use in the program.

(1) AFTRIM. This subroutine initializes maneuver variables that are functions of the trim conditions. It also cleans up the loose ends after trim.

(2) AJACOB, AJACO1. This subroutine handles computation of quantities that depend upon variables that are changed in either trim iterations or the rotorcraft stability analysis in order to compute partial derivatives later. These quantities are then calculated and used in the computation of forces and moments.

(3) ALLMAT, ALLMA1. The rotorcraft stability analysis uses this subroutine to compute eigenvalues and eigenvectors.

(4) ALSTAB. This subroutine uses the M-C-K matrices, which are defined in subroutine MODES, to calculate eigenvalues for the rotorcraft stability analysis by calling subroutine ALLMAT. This subroutine also calls routines such as NUMRTF to calculate numerators of transfer functions and WRTNSF to printout the transfer functions.

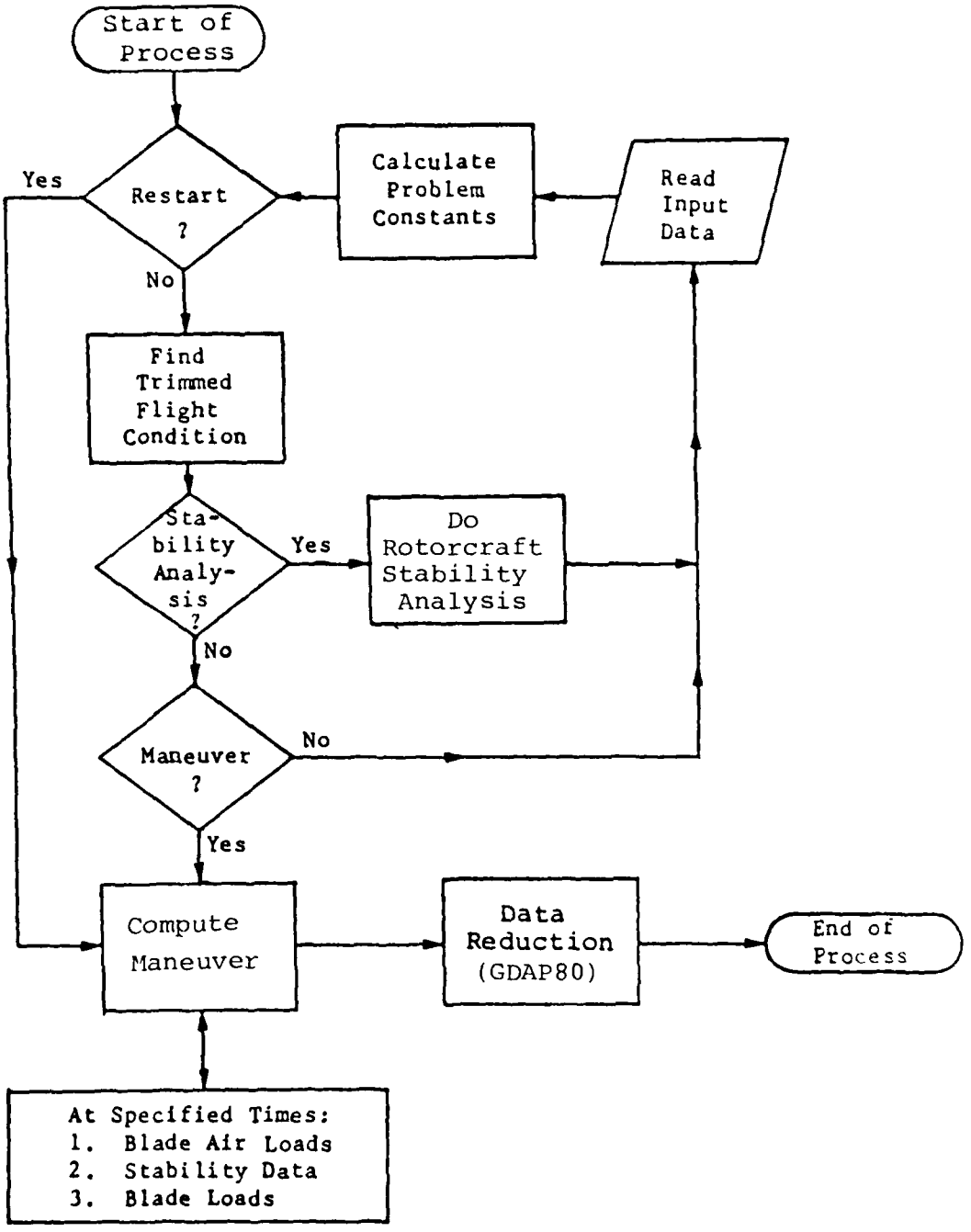


Figure 3. Flow Chart of System Structure.

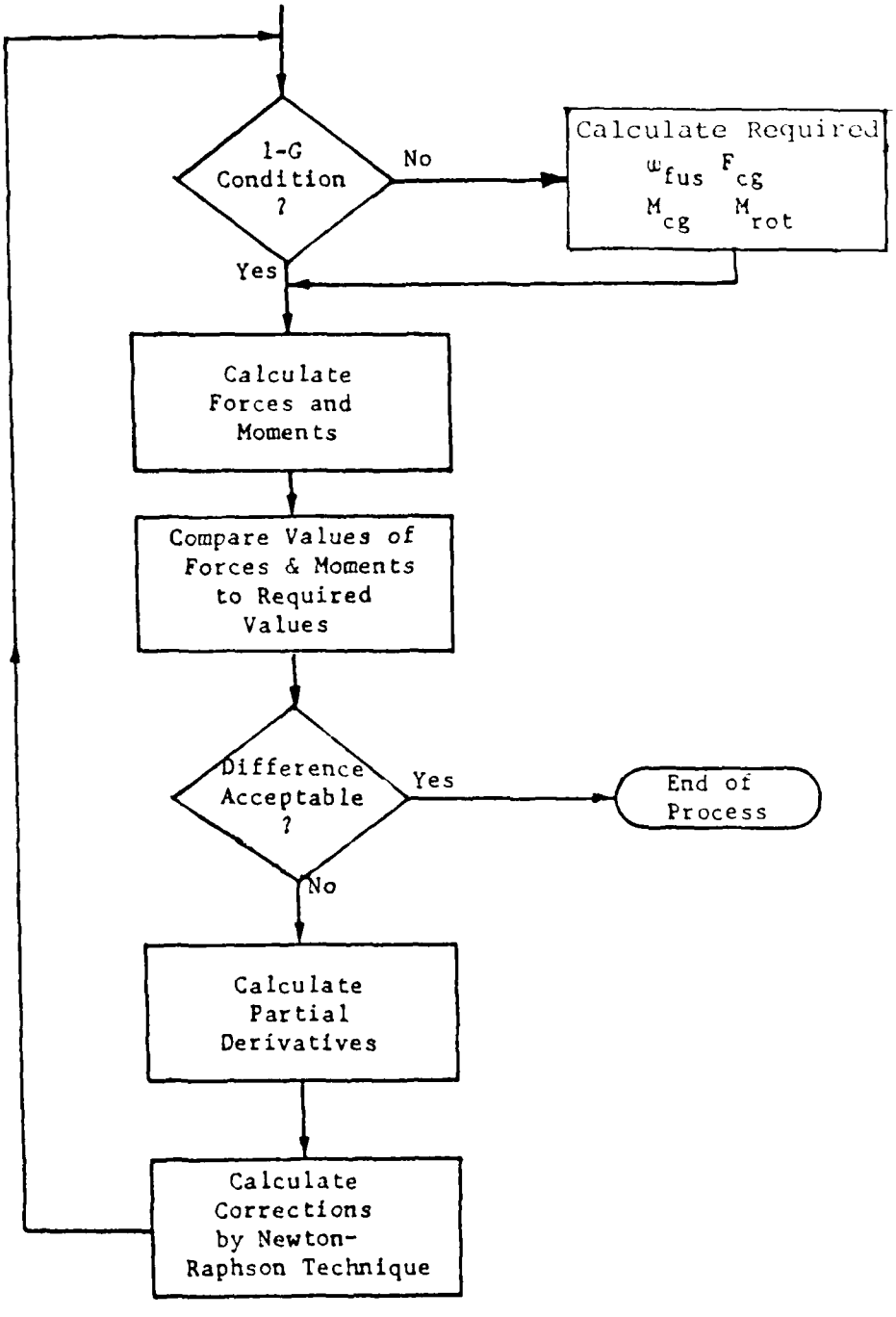


Figure 4. Flow Chart of Trim Process.

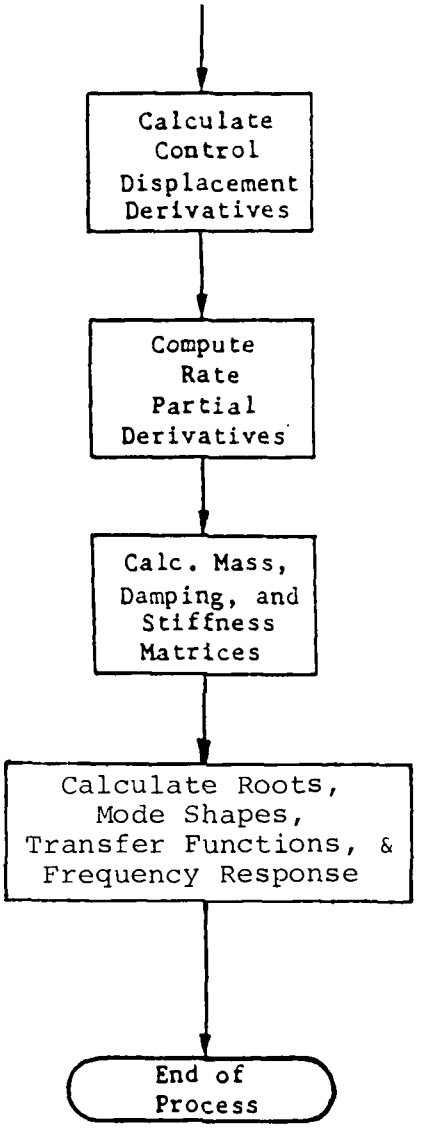


Figure 5. Flow Chart of Rotorcraft Stability Analysis.

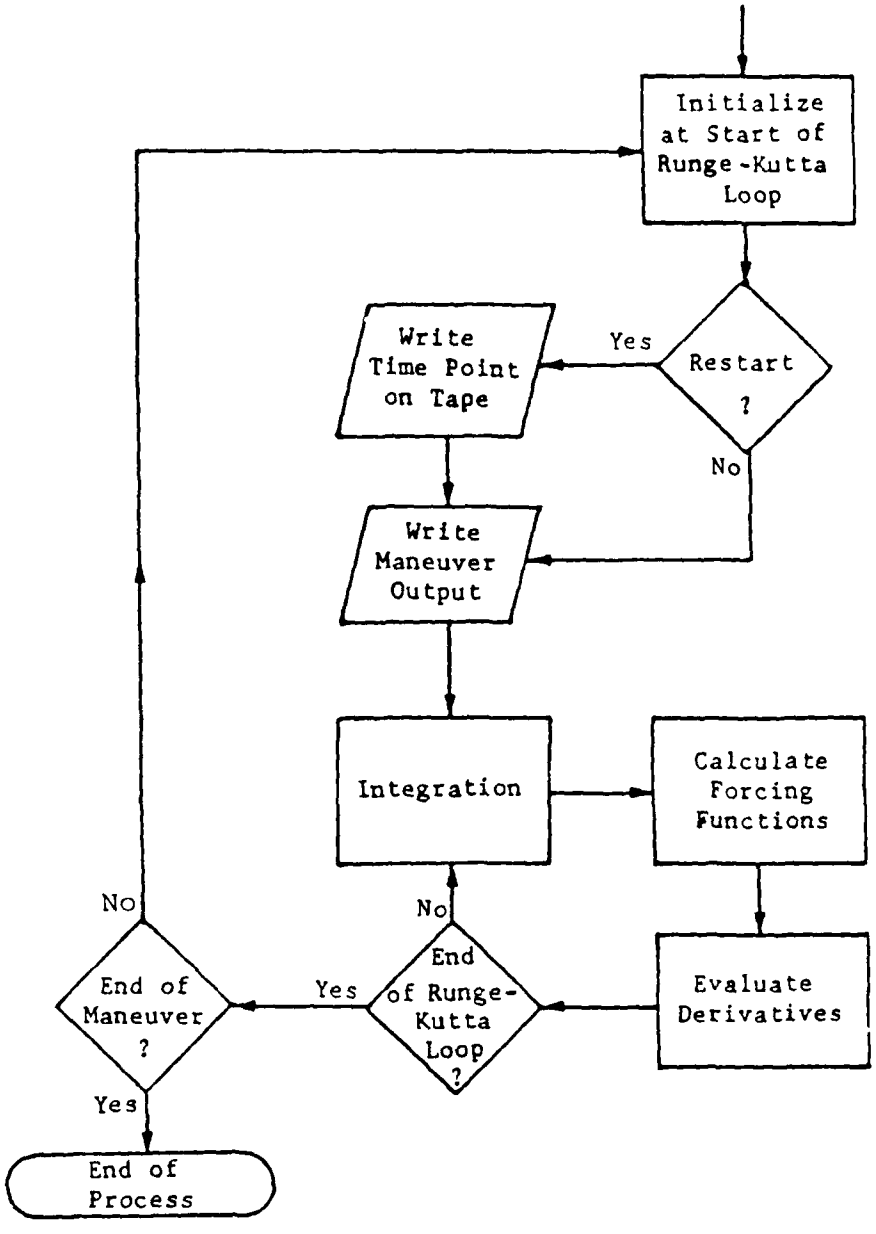


Figure 6. Flow Chart of Maneuver.

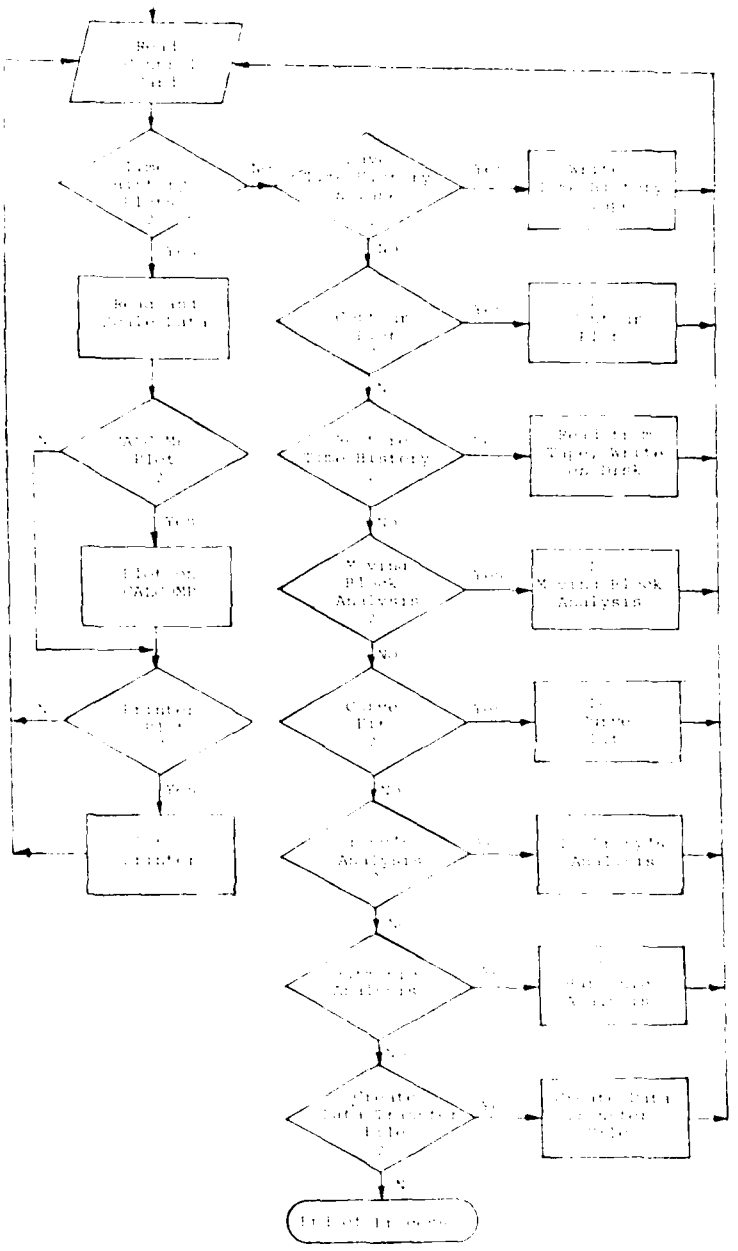


Figure 7. Flow Chart of GDAP80.

(5) ANAL. Output of this subroutine consists of the total summation of forces and moments.

(6) ATMINT. This subroutine initializes constants for the atmospheric conditions.

(7) AUXJET. This subroutine calculates the variation in auxiliary jet thrust for maneuvers.

(8) AZMINT. It initializes some variables that are used by subroutine AZMUTH.

(9) AZMOUT. This routine writes out part of the diagnostic variables that are generated in subroutine AZMUTH.

(10) AZMUTH. This subroutine in the rotor analysis does the calculation of the blade virtual work and integration of the hub shears and moments at each blade azimuth position.

(11) BDPFDD. The acceleration of the blade dependent participation factors are calculated in this routine.

(12) BLMINT. This subroutine initializes properties along a blade such as mass, inertia, beamwise cg offset, and chordwise cg offset distributions.

(13) BMSINT. It initializes the blade mode shapes and associated variables.

(14) BRTRFM. This subroutine calculates the stick positions for balancing main rotor forces and moments during horizontal fold for maneuvers.

(15) BUNDER. The numerical derivatives used by the BUNS unsteady aerodynamic model are computed here.

(16) BUTFLT. This subroutine computes coefficients for the band-pass Butterworth filter.

(17) CDCL. This subroutine uses the local angle of attack and Mach number plus the airfoil aerodynamic inputs to compute the steady-state lift, drag, and pitching moment coefficients for a rotor blade element.

(18) CGXARM. This subroutine calculates the moment arms, for the x-component in the body-axis coordinate system, about the rotorcraft cg for all aerodynamic surfaces and all external stores wherever the cg is shifted.

(19) CGYARM. This subroutine calculates the moment arms, for the y-component in the body-axis coordinate system, about the rotorcraft cg for all aerodynamic surfaces and all external stores whenever the cg is shifted.

(20) CGZARM. This subroutine calculates the moment arms, for the z-component in the body-axis coordinate system, about the rotorcraft cg for all aerodynamic surfaces and all external stores whenever the cg is shifted.

(21) CHDINT. This subroutine initializes chord, aerodynamic center offset, and twist distributions along a rotor blade.

(22) CLCD. This subroutine is similar to subroutine CDCL except that CLCD computes the three aerodynamic coefficients for the wing and stabilizing surfaces.

(23) CMCALC. This subroutine interpolates on the Carta tables to produce the contribution of unsteady aerodynamics to the pitching moment. It is the major section of the BUNS unsteady aerodynamic model.

(24) CNTM. Some of the forcing functions in a maneuver may be timed to start after the rotors have been stopped. This subroutine converts those relative times to absolute times.

(25) CONSTB. This is the control program for the rotorcraft stability analysis.

(26) CONTRM. This is the control program of the trim segment.

(27) CORR. This subroutine appears in the iteration loop of the quasi-static trim where the Newton-Raphson method is applied. This routine checks to see if any correction to an independent variable exceeds its limit. It also applies the corrections.

(28) DAMPER. This is the variable damper for TRIM. The purpose of this is to gradually damp out oscillations of the trim iterations. This is accomplished by checking the errors generated in TRIM against an upper limit and, whenever all errors

are less than this limit, reducing both the partial derivative increment and the maximum amount that one of the TRIM variables can change in one iteration.

(29) DAT1. This block data subroutine contains C_L, C_D, and C_M tables for the NACA 0012 airfoil.

(30) DAT2. This block data subroutine sets all variables in COMMON to zero.

(31) DAT3. This block data subroutine contains the Carta tables used in subroutine CMCALC.

(32) DERIV. This subroutine evaluates the highest derivatives of all maneuver variables.

(33) DIFFER. This function subprogram performs numerical differentiation.

(34) DOTX. This routine computes the vector inner product.

(35) ERRCHK. This subroutine checks possible input errors in the program logic group.

(36) EXTORS. It recalculates cg location, inertias, and gross weight when any external store is dropped. It also updates aerodynamic brake locations if a brake is deployed during a maneuver.

(37) FILTER. This routine filters a variable by using the trapezoidal rule to approximate the convolution integral.

(38) FLDRH. This subroutine handles the horizontal folding of rotor 1 for maneuvers.

(39) FLPSTP. This subroutine calculates the RPM-dependent flapping-stop spring rate for maneuvers.

(40) FLRINT. This routine checks the filter option. If it is turned on, this routine calls BUTFLT to calculate coefficients for filters and calls FILTER to load the filters with trim conditions to avoid an initial transient in the maneuver.

(41) FOCUS. This subroutine calculates the rotor longitudinal and lateral cyclic pitch angles and also stores rotor forces.

(42) FPYLAC. This subroutine calculates the vibrations at a point that is not at a rotor hub.

(43) FRQRES. As part of the rotorcraft stability analysis, this subroutine calculates the frequency responses, gains, and phase angles. This routine is called by NUMRTF which is called by ALSTAB.

(44) FSMINT. This subroutine initializes the pylon mode shape components for a point that is not at a rotor hub.

(45) FUSACC. It calculates the linear and angular accelerations, in body axis, of the entire rotorcraft.

(46) FUSFNM. This subroutine computes fuselage aerodynamic forces and moments and rotor nacelle drag.

(47) FUSINT. This subroutine converts the fuselage inputs to the units used internally and stores the data in internal, non-NAMELIST, arrays. It also calculates cg location and inertias if external stores are included.

(48) GPFLGE. This subroutine defines the fuselage group for the printout of the trim/maneuver pages. This group includes the three linear and three angular velocity components at the rotorcraft cg.

(49) GPSHFT. This subroutine defines the shaft-axis data group for the printout of the trim/maneuver pages. This group includes the velocities at the hubs, shear forces, and hub motions.

(50) GRPCNT. This subroutine defines the control group for the printout of the trim/maneuver pages. This group includes the stick positions, swashplate angles, and mast tilt angles.

(51) GRPFLT. This subroutine defines the flightpath group for the printout of the trim/maneuver pages. This group includes the flightpath conditions and the aerodynamic data for the stabilizing surfaces.

(52) GRPGRD. This subroutine defines the ground group for the printout of the trim/maneuver pages. This group includes the ground reference data such as Euler angles and rotorcraft location.

(53) GRPRTR. This subroutine defines the rotor group for the printout of the trim/maneuver pages. This group includes the blade flapping angles, rotor aerodynamic forces and induced velocities.

(54) GRPSHP. This subroutine defines the "ship group" for the printout of the trim/maneuver pages. This group includes the rotorcraft cg and horsepower data.

(55) GUST. This subroutine is entered only during a maneuver in which a gust is being generated. It calculates the distance of each part of the rotorcraft from the start of the gust and then calculates the magnitude of the gust velocity at each point on the ship.

(56) HARM. The harmonic analysis for blade loads, hub shears and pylon dependent participation factors at the trim point is performed by this subroutine.

(57) HRESP. The elastic modes are processed by this subroutine during the quasi-static trim procedure.

(58) IMFRMP. Parts of the mass matrix that are contributed from pylons are computed here for use in the rotorcraft stability analysis.

(59) INBLD. This subroutine converts input blade-related data such as blade segment distributions to the units used internally, and stores the data in internal, non-NAMELIST, arrays.

(60) INBMSS. This routine computes a blade mass distribution if that data is not input.

(61) INIT. This subroutine fills the array with blade loads and blade tip deflections for the printout of time-variant trims and maneuvers. It also calls SAVTHS to write time histories on disk for later processing.

(62) INRO. The function of this subroutine is the initialization and calculation of problem constants from the rotor inputs.

(63) INRTR. This subroutine initializes some of the rotor-related data that are not initialized in subroutine INRO.

(64) INSCAS. Initialization of the SCAS inputs is done here.

(65) INSTAB. This subroutine initializes the data for a rotorcraft stability analysis. It calculates the partial derivatives needed for later computation of the frequency response.

(66) INTFRQ. It interpolates blade natural frequency as a function of rotor rotational speed and blade collective pitch.

(67) INVERS. This subroutine calculates the inverse of the mass matrix before the call to ALLMAT.

(68) IOMAT. This subroutine prints the mass, damping, and stiffness matrices used in the rotorcraft stability analysis.

(69) ITERIN. This subroutine initializes the iteration logic group inputs such as independent variable increments, numerical damping limits, and allowable errors. These are used in the iteration process of the quasi-static trim.

(70) ITRIM. Included in this subroutine is the iteration loop of the trim section of the program. The function here is to iterate to a trimmed flight condition.

(71) ITROT. This subroutine initializes variables for subroutine AZMUTH, controls the thrust-induced velocity loop, and calculates rotor flapping moments.

(72) JACOBI. This subroutine calculates the Jacobian for use in the Newton-Raphson iteration method in TRIM or calculates the displacement derivatives for use in the rotorcraft stability analysis.

(73) JFBGIN. This subroutine converts input data for the jets, flight constants, bobweight, and weapons groups to the units used internally, and stores the data in internal, non-NAMELIST, arrays.

(74) JSTRED. This subroutine reads most of the input data groups.

(75) LGCINT. The program logic group input array is processed in this subroutine, and the value of internal logic variables set.

(76) LIZE. Initialization of some numerical constants is done in this subroutine.

(77) LOADT. For a time-variant trim, this subroutine reads back the time histories written by subroutine TVTRIM, calls HARM to perform harmonic analysis on them, calls WRBMTV to print out the results of the harmonic analysis of blade bending moment for each blade station, and calls WRSMTV to print out the summary page.

(78) MAIN. This routine reads the control cards that direct the flow of the whole problem. The path is selected, and calls are initiated to begin working the problem. Upon return, possible errors are checked for. If an error is detected, an error message may be printed out. Then the program either terminates execution or starts the next problem, depending on the severity of the error.

(79) MANTYP. This routine checks for any inconsistency of maneuver types.

(80) MANU. This subroutine controls the time-variant maneuver segment. It handles the integration of the differential equations and the calling of the other subroutines necessary to a maneuver.

(81) MATRIX. The function of this subroutine is to calculate the transformation matrix for a set of input Euler angles.

(82) MBAL. This subroutine calculates rotor flapping angles for a decoupled rotor during the quasi-static trim process or for a rotorcraft stability analysis which needs rotor flapping rebalance.

(83) MORDRS. Damping and stiffness matrices for a rotorcraft stability analysis are calculated here.

(84) MNEM. This subroutine is in the initialization segment. It calls several routines to perform initialization for a problem and defines variables such as hub velocities.

(85) MODAL. The variables which are functions only of mode shape, frequency, and mass and inertia distributions are computed in this subroutine.

(86) MODES. This subroutine calculates most of the mass matrix for a rotorcraft stability analysis.

(87) MOMB. This subroutine simulates a servo-mechanism controlling the swashplate while the main rotor is being folded horizontally.

(88) MPCNTL. As part of the maneuver perturbation option, this subroutine sets up the perturbation logic. This routine is called by TIMEQ0.

(89) MPRTR. As part of the maneuver perturbation option, this routine performs the perturbations for the rotor blade group. This routine is called by TIMEQ0.

(90) MTLT. This subroutine handles mast tilt during a maneuver.

(91) NOPS, NOPS1. The inputs to this subroutine are the number of azimuth locations used in the rotor analysis. The outputs are quantities that are functions of the number of azimuth locations.

(92) NPUTOT. This subroutine prints most of the input data.

(93) NUMRTF. As part of the rotorcraft stability analysis, this subroutine calculates the numerators of the transfer functions. This routine is called by ALSTAB.

(94) PDPFDD. The acceleration of the pylon dependent participation factor is calculated in this subroutine.

(95) PDSRED. This routine is used to find a member of the Analytical Data Base and to make it accessible to a FORTRAN routine through normal sequential READ statements.

(96) PDZERO. The inputs to this subroutine are a trim partial derivative matrix (i.e., the Jacobian) and an indicator for the type of helicopter or rotorcraft being flown. This subroutine then changes the partial derivative matrix to conditions which are known to hold. Essentially, this subroutine attempts to filter numerical "noise" in the matrix.

(97) PHSMAG. As part of the rotorcraft stability analysis, this subroutine computes controls-fixed eigenvectors (mode shapes), roots, dampings, frequencies, and the phase angles and magnitudes for mode shapes. This routine is called by ALSTAB.

(98) PRETVT. The primary function of this routine is to initialize variables used in the time-variant trim.

(99) PTBOUT. This subroutine controls the calls to TABOUT and TABFIX for aerodynamic data tables.

(100) PUNCH. It punches nonzero elements of mass, damping, and stiffness matrices used in the rotorcraft stability analysis. The form of the punched output cards is explained in Volume I.

(101) PYLACC. Pylon acceleration, velocity, and displacement are computed here.

(102) PYLINT. It converts input arrays to the units used internally for the dynamic pylon group and stores the data in internal, non-NAMELIST, arrays.

(103) QSBDPF. It calculates the acceleration of the blade dependent participation factor for a quasi-static maneuver case.

(104) QUAN. This subroutine sets the values of internal variables from the integration array at the beginning of each Runge-Kutta cycle.

(105) RADBGN. It calculates several variables used by subroutine RADIAL.

(106) RADIAL. This subroutine in the rotor analysis does the calculations and integrations of virtual work due to the airloads along the blade radius.

(107) RADOUT. It prints output of detailed aerodynamic data at each blade radial station from subroutine RADIAL. It also stores contour plot data in an array for I/O operations later.

(108) READIN. This subroutine contains the logic for reading and printing the input data.

(109) REDATB. It handles the read-in of airfoil data tables.

(110) REDBMS. It handles the read-in of blade mode shapes data.

(111) REDCL. It reads the coefficients of lift, drag, and pitching moment of each airfoil data table.

(112) REDFTB. It handles the read-in of fuselage aerodynamic data tables.

(113) REDID. It handles the read-in of group ID cards.

(114) REDRWK. It performs the read-in of rotor-induced velocity distribution (RIVD) tables.

(115) REDSWK. It performs the read-in of rotor-wake-at-aerodynamic-surface (RWAS) tables.

(116) RESTRT, REST1, REST2, REST3. Restart tapes are written or copied by this subroutine.

(117) RGUST. This subroutine computes the gust velocities at the blade elements based on the values at the hub.

(118) ROTAN. This subroutine may be considered to be the outer section of the rotor analysis.

(119) RTINIT. This is the control routine that handles the initialization of the rotor.

(120) RTWAKE. This routine calculates the blade local induced velocity when the rotor wake table option is used.

(121) RVRGST. This routine computes the velocity components at the rotor that are contributed by the trailing vortex system of a fixed-wing aircraft.

(122) SAVTHS. This subroutine writes out the time histories on a disk for later processing.

(123) SCASIT. The highest derivatives in the differential equations for the SCAS are calculated here.

(124) SHKCTL. This subroutine provides a harmonic control input to the rotor blades.

(125) SHKINT. This routine initializes variables for the blade shaker.

(126) SHRPYL. It calculates hub shears contributed by the pylon.

(127) SIVAR. This subroutine handles the initialization of the maneuver inputs for subroutine VARI which are not a function of the trim point.

(128) SOLVE. This subroutine solves systems of linear equations by Gaussian elimination.

(129) STAB. This subroutine computes the rate derivatives used in the rotorcraft stability analysis.

(130) START. This is the control program of the initialization segment. It calls routines to read in and to print out all input data. It also calls various routines to initialize all input groups.

(131) STBINT. This subroutine uses the arrays that are defined in subroutine TABFIX to speed up a table interpolation for C_L, C_D, and C_M tables.

(132) STBWAK. This subroutine calculates the effect of rotor wakes on each stabilizing surface when a surface uses RWAS tables.

(133) STBFNM. It calculates aerodynamic forces and moments at all stabilizing surfaces.

(134) STBZIN. The function of this routine is the initialization and calculation of problem constants for wing and stabilizing surfaces.

(135) SUPERP. This subroutine contains the maneuver autopilot logic.

(136) SVINT. This routine initializes arrays for state variables and its derivatives that are used by time-variant trims and maneuvers. This routine also shows the location of each state variable and its derivative in the big arrays upon which the Runge-Kutta integration technique operated.

(137) SWAP. In computing eigenvalues in a rotorcraft stability analysis, if a singularity exists in ALLMAT or the solution does not converge within a reasonable number of iterations, this subroutine conditions the mass, damping and stiffness matrices by interchanging zero rows and columns with nonzero rows and columns.

(138) SWAS. This subroutine performs the function of linking the controls to the swashplates with the appropriate linkage factors and phase factors.

(139) SWSRAT. It calculates some intermediate velocities and accelerations used in the rotor analysis.

(140) TABFIX. This subroutine calculates arrays to be used in the method of calculated entry in subroutine STBINT.

(141) TABINT. This subroutine interpolates data from a two-dimensional table.

(142) TABOUT. This subroutine prints out a two-dimensional table in tabular form. The printout of all aerodynamic data tables is done by this routine.

(143) TILT, TILT1, TILT2. This subroutine controls cg shift calculations for several different manners of shifting cg. The primary function is in a mast tilt maneuver. It provides not only for cg shift but also for changes in control phasing as a function of the mast tilt angle. Secondary entries handle cg shift with folding of a rotor either when it is being folded aft after being tilted forward and stopped or when being folded horizontally after a stop.

(144) TIMEQ0. This is the control program for the maneuver perturbation option. It reads and writes everything in the COMMON blocks for maneuver perturbations. It calls subroutine MPCNTL to set up the control logic and calls subroutine MPRTR to perform the perturbations for the rotor blade group. Variables that control the maneuver perturbations are located in a special COMMON block named NORSET. This NORSET block is not to be reset to the trim conditions.

(145) TIMLP. This subroutine is called at the end of each maneuver time point. It advances the maneuver time and calls various routines to prepare and print maneuver data.

(146) TIVAR. This subroutine handles the initialization of the maneuver inputs for subroutine VARI that are a function of the trim point.

(147) TRIM. This subroutine controls the logic flow of the quasi-static trim procedure. It primarily calls ITRIM to find the trim conditions, calls WRTRIM to print out the trim results, and calls PRETVT to initialize variables that will be used by a subsequent time-variant trim.

(148) TRMINT. This subroutine initializes arrays that indicate the degrees of freedom in the system, e.g., coupled or decoupled rotors, and what type of trim.

(149) TVTRIM. This subroutine controls the time-variant trim procedure.

(150) UNSDER. The numerical derivatives used by the UNSAN unsteady aerodynamic model are computed here.

(151) UNSTED. This is the major section of the UNSAN unsteady aerodynamic model.

(152) VARI. This subroutine produces the effects of input disturbances during a time-variant maneuver. The inputs to this subroutine are the user-supplied forcing functions. The values of these functions are the output from this subroutine.

(153) VGUNS. During a time-variant maneuver, this routine calculates the applied loads due to weapon fire.

(154) VIND. This subroutine calculates the average induced velocity of a rotor.

(155) VORGST. During a time-variant maneuver, this routine computes the aerodynamic disturbance due to an aircraft trailing vortex system.

(156) VSCAS. During a time-variant maneuver, this routine calculates the control motions due to SCAS.

(157) VTFFA. The subroutine calculates the precone after the rotor is tilted forward and stopped and begins to fold aft.

(158) WAG. The time-dependent lift change by the Wagner and Kussner Method is computed in this subroutine.

(159) WING. This routine computes aerodynamic forces and moments on wings.

(160) WKTABN. If the blade radial stations input to the rotor wake table are not the same as those in the rotor group, this subroutine interpolates those missing stations. This is done outside the iteration loops so that a three-way interpolation can be reduced to two-way.

(161) WNDXFM. This subroutine does coordinate system transformation. Typically, it transforms forces and moments from the body-axis system to the wind-axis system for each component of the rotorcraft.

(162) WRBMTV. This subroutine prints out the result of the harmonic analysis of the blade bending moment for each blade station for a time-variant trim.

(163) WRCMMT. This subroutine prints the input comments on the listing of the input data, trim page, and maneuver page.

(164) WRDELF. This subroutine calculates the differences in the forces and moments during the perturbation process of a rotorcraft stability analysis. It then calls WRFM to write them out.

(165) WRFM. This is an output subroutine that writes the rotor force and moment summary in the shaft reference coordinate system and the aircraft force and moment summary in the body axis coordinate system. Optionally, this routine also prints the aircraft force and moment summary in the wind axis coordinate system.

(166) WRINST. This subroutine prints output during the computation of partial derivatives for a rotorcraft stability analysis.

(167) WRMANU. This subroutine produces part of the maneuver printout.

(168) WRMODE. This routine prints out the blade mode shapes and blade bending moment coefficients.

(169) WRMS. It prints out mode shapes associated with the rotorcraft characteristic roots determined in the rotorcraft stability analysis.

(170) WROPTM. It defines the arrays for and prints out the optional trim page.

(171) WRPERT. This routine prints out the values of the perturbed and nonperturbed independent variables used in the computation of partial derivatives for a rotorcraft stability analysis.

(172) WRQSDP. This routine prints out blade dependent participation factors for the quasi-static analysis in trim.

(173) WRRWK. This subroutine writes out the rotor-induced velocity distribution (RIVD) tables.

(174) WRSMTV. This subroutine writes out the summary page for blade loads for a time-variant trim.

(175) WRSTAB. This subroutine prints the rate derivatives used in the rotorcraft stability analysis.

(176) WRSWK. This subroutine prints the rotor-wake-at-aerodynamic-surface (RWAS) tables.

(177) WRTMNV. This subroutine defines the output arrays for trim as well as maneuver pages.

(178) WRTNSF. As part of the rotorcraft stability analysis, this subroutine prints out transfer function numerators and frequency response data. This routine is called by ALSTAB.

(179) WRTRIM. This routine writes the trim page.

(180) WRVP. This is another output subroutine which produces the printouts of the partial derivative matrices calculated and the independent variables used in the calculation of those derivatives.

(181) WSHDUF. It calculates fuselage effects on downwash and sidewash angles at wings and other stabilizing surfaces.

(182) XCONIN. Initialization of all control linkages is performed by this subroutine.

(183) XSTINT. This subroutine converts input arrays to internal arrays for the external stores/aerodynamic brakes model.

(184) XSTORE. It calculates aerodynamic forces and moments at each external store/aerodynamic brake.

(185) YFINIT. This subroutine initializes fuselage aerodynamic data from equations.

(186) YRINIT. This subroutine conditions the aerodynamic inputs for the rotors.

(187) YSINIT. This subroutine conditions the aerodynamic inputs for the wing and stabilizing surfaces.

(188) ZERO. This is part of the initialization segment. Every variable in this routine is set to zero.

(189) ZLLCAL. This subroutine computes zero life line increments at wings and other stabilizing surfaces.

3.3 ASSEMBLY LANGUAGE SUBPROGRAM IN AGAP80

DATE. This routine returns the current system date, as argument NDATE, in Gregorian form: mm/dd/yy. NDATE must be at least eight bytes long. The routine is coded in Assembler Language. It was prepared at Bell Helicopter and is in the public domain. It contains the following entry points:

ENTRY SETIME(TINT). This entry establishes an operating time interval against which to check program operation. This interval (TINT) is *in minutes in floating* point form. The routine does not cause execution to terminate at the end of the designated interval. This entry initializes TIMEX.

ENTRY TIMEX (TU, DT, TL). This entry checks the central processor time since the last call to SETIME or TIMEX. It returns three argument values in floating point minutes:

TU - Time since initial call to SETIME.

DT - Time since last call to TIMEX or SETIME.

TL - Time remaining in the SETIME interval.

Subroutine DATE and its entry points may be replaced by a dummy routine with no adverse effect on the engineering calculations.

3.4 FORTRAN SUBROUTINES IN GDAP80

There are 35 FORTRAN subroutines in GDAP80. They are listed in alphabetical order including the main program, which is called MAIN. The remarks for each subroutine indicate its general use or purpose in the program.

(1) ALLMAT. Prony's method uses this routine to solve for eigenvalues.

(2) CALC81. This subroutine is the interface between subroutine SCALIT and the CALCOMP plot routines.

(3) CNTPLT. This routine interpolates an input array and presents it in contour plot format.

(4) CONPLT. This routine controls the logic of the program at one level below that of the main program.

(5) CONTUR. This subroutine reads in data to be contour plotted and prints it out in tabular form.

(6) CURVET. This subroutine analyzes the time history of selected variables during a maneuver. This analysis is accomplished by a least-square curve fit followed by comparison of both the amplitude and phase angle of different variables. Then one variable is expressed as a linear function of two others.

(7) C81L. The function of this subroutine is the transfer to a disk of maneuver time-history data that have been stored on a tape or disk.

(8) DAT1. This first block data subroutine contains part of the headings for plotted time histories.

(9) DAT2. This second block data subroutine contains part of the headings for plotted time histories.

(10) DAT3. This third block data subroutine contains part of the headings for plotted time histories.

(11) DAT4. This fourth block data subroutine contains the headings for contour plots.

(12) DECODE. This subroutine performs a kind of decoding process by using FORTRAN read/write statements. It has four arguments. The first one is an input array having four characters for each four-byte word. The second argument is another input array having the same number of elements as the first argument. However, this array contains four-digit integers ranging from 1001 to 9999. The third argument is the output array having the same number of bytes

as each of the first two arguments. This third argument has one byte for each element, i.e., LOGICAL*1. Upon returning, this array is stored into a four-byte word array. The first character of each word in that array comes from the first character of each word of the first argument. The next three characters of each word come from the lower three digits of each integer of the second argument. The fourth, and last, argument is the work file (data set reference number) for the decoding process.

(13) DLLSQ. This routine does the least-squares curve fit required by Prony's method.

(14) DTFDTA. This subroutine creates the data records for a data transfer file (DTF) that becomes an input to the file creation program of DATAMAP later.

(15) DTFITM. This subroutine creates the item code records for a data transfer file that becomes an input to the file creation program of DATAMAP later.

(16) DTFKTR. This subroutine creates the counter records for a data transfer file that becomes an input to the file creation program of DATAMAP later.

(17) DTFMAP. This is the control subroutine for the C81-DATAMAP interface option. The final output from this option is a data set named Data Transfer File that becomes an input to the file creation program of DATAMAP later.

(18) DTFNFO. This subroutine creates the info file records for a data transfer file that becomes an input to the file creation program of DATAMAP later.

(19) DTFNST. This subroutine creates the instruction records for a data transfer file that becomes an input to the file creation program of DATAMAP later.

(20) EXPON. This is the primary computational routine for Prony's method. It also prints out the result of these calculations.

(21) FSFT. This subroutine controls the harmonic analysis of a time history.

(22) HARM. This is the harmonic analysis subroutine used by subroutine FSFT.

(23) HEADS. This routine prints out part of the plot headings.

(24) HEDING. This subroutine generates the labels for the time-history plots using the data stored in DAT1, DAT2, or DAT3.

(25) MAIN. This is the control program for GDAP80.

(26) MOVBLK. This routine uses a moving block analysis method to estimate the damping associated with a given frequency.

(27) PLOTER. This subroutine does the CALCOMP plotting of the results of the harmonic analysis.

(28) PPLOT. This is the printer plot routine that produces plots of time histories.

(29) PRONY. This is the control routine used when Prony's curve-fit method is chosen to analyze aeroelastic stability.

(30) PROVAL. This subroutine calculates an approximate time history from the results of the Prony analysis for comparison with the original time history.

(31) RANGE. This routine searches through the data in an array and returns a relative maximum and minimum value after excluding points that deviate too far from the bulk of the data.

(32) SCALIT. This subroutine sets up the arrays for the time-history plots.

(33) SCLFIX. This subroutine calculates scale factors for the time-history plots.

(34) VSRTPM. This routine sorts arrays by absolute value.

(35) WROT, WROT1. This subroutine prints the headings on the printer plots.

3.5 ASSEMBLY LANGUAGE SUBPROGRAMS IN GDAP80

GDAP80 uses two Assembly Language routines, JULIAN and TIMOD. They were prepared at Bell Helicopter and are in the public domain. These two routines are needed only for the creation of a Data Transfer File (DTF). The DTF is then read by the File Creation Program of DATAMAP.

JULIAN. This routine has one argument. It returns an 8-character string with the leading five characters containing the Julian date in the form YYDDD, and the last three characters padded with blanks.

TIMOD. This routine has one argument. It returns a 12-byte character string in the form hh.mm.ss.th, where hh is military hour, mm is minutes past the hour, ss is seconds past the minute, and th is a decimal fraction of a second. The trailing character is padded with one blank.

3.6 LABELED COMMONS IN AGAP80

There are 31 labeled COMMONS, but no blank COMMON, in AGAP80. Each of the COMMONS is listed below. Any special order of variables and the reasons for this order are given, along with some general comments.

(1) ANDOIT. The first 9 variables in the COMMON, HFRC through YSHRN, are double precision.

(2) ASTAB. It contains arrays and variables that are used in a rotorcraft stability analysis. Specifically, it is used by subroutine ALSTAB and those routines it calls.

(3) ATAB. This COMMON contains arrays for numbers of angle of attack and numbers of Mach number for airfoil data tables.

(4) ATABCD. It contains drag coefficients for airfoil data tables.

(5) ATABCL. It contains lift coefficients for airfoil data tables.

(6) ATABCM. It contains pitching moment coefficients for airfoil data tables.

(7) BLOADS. It contains arrays that are used in the blade loads calculations of a time-variant trim. Specifically, it is used by subroutine LOADT and those routines it calls.

(8) FLEX. It contains most of the variables used in the elastic blade modal analysis.

(9) FLTRCM. Those arrays that are specifically used by the digital filter are contained in this COMMON.

(10) FORCMC. This COMMON contains the Carta tables used by subroutine CMCALC.

(11) FORWK. This COMMON contains most of the variables used in computing the rotor-induced velocity distribution from the table stored in FORWK1.

(12) FORWK1. This is the set of rotor-induced velocity distribution (RIVD) tables used by subroutine RTWAKE.

(13) FORY. There is no special order to variables in this COMMON. It consists of the state variables, array "Y", operated upon by the Runge-Kutta integration technique and is used in the initialization, trim, and maneuver segments.

(14) FORYD. This contains the first derivative, with respect to time, of the state variables.

(15) FOSWK. This COMMON contains most of the variables used in computing the effects of the rotor wake at the aerodynamic surfaces from the tables stored in FOSWK1.

(16) FOSWK1. The arrays of rotor-wake-at-the-aerodynamic-surface (RWAS) tables used in subroutine STBWAK are in this COMMON.

(17) FTAB. It contains the fuselage aerodynamic data tables.

(18) FTAB1. It contains the switch to indicate the option of fuselage aerodynamic data tables.

(19) INSTAR. This COMMON contains most of the input.

(20) MANAL. The first 59 variables in this COMMON, XF through NQTR, are ordered to allow I/O and other manipulations to be done on an equivalent array. The next 12 variables, ZZD through BlT, are ordered for equivalencing to an array. Not more than 11 of these variables are used, and the array KVAR is used as a pointer vector to choose which ones are used and the order of their use. The next 14 variables, AlM through AYD, are ordered for equivalencing to the array VAR in subroutine STAB for the calculation of derivatives. The variables TAXL and TAXR are equivalenced to an array in subroutine AUXJET.

(21) NORSET. This COMMON contains variables that are not to be reset to the trim condition when the maneuver perturbation option is activated.

(22) PYLON. Most of the variables that are associated with the pylons are in this COMMON.

(23) STAMAN. The first six arrays, SCASPF through SCASYC, are ordered for equivalencing in subroutine INSCAS. Arrays SHPGRP through SFTGRP are ordered to allow I/O and other manipulations to be done on an equivalenced array.

(24) STARAD. Most of the variables here are used in the initialization and general-purpose segments.

(25) STARAN. The variables in this COMMON are used in the initialization and general-purpose segments.

(26) STBD. This COMMON block is used primarily by the rotorcraft stability analysis.

(27) STBMCK. It contains big arrays used by the rotorcraft stability analysis.

(28) STRIAB. This COMMON is used in the initialization, trim, and rotorcraft stability analysis segments.

(29) STRIMA. This first 16 variables, TZM through TCLOCK, are ordered for equivalencing in subroutine MOMB.

(30) TOPLOT. This COMMON is used in all segments.

(31) UNSARO It contains arrays used by the unsteady aerodynamic models.

3.7 LABELED COMMONS IN GDAP80

There are 13 labeled COMMONS, but no blank COMMONS, in GDAP80. Each of the COMMONS is listed below, together with pertinent comments.

(1) DTFCOM. This COMMON is specifically for the creation of a data transfer file that is used in the C81-DATAMAP interface option.

(2) INPLOT. This COMMON is used by subroutine SCALIT and the other subroutines in the segment for plotting time histories.

(3) LHEAD. This COMMON contains the data in the fourth block data subroutine, DAT4, that are used for contour plot headings.

(4) MAXMIN. It contains the maximum and minimum values of the specified variable. It is primarily used to determine the scale of the plot.

(5) PLOTD. This COMMON contains the data in the block data subroutine DAT1 that are used by subroutine HEDING to furnish alphanumeric headings for time history plots.

(6) PLOTD1. It contains the data in the second block data subroutine, DAT2, that are used by subroutine HEDING to supply headings for time history plots.

(7) PLOTD2. It contains the data in the third block data subroutine, DAT3, that are used by subroutine HEDING to supply headings for time history plots.

(8) THS1. It contains information that is associated with the time history data.

(9) THS2. It contains time history data.

(10) TIMPTS. Most of the data in this COMMON is used by subroutine CURVET.

(11) TOPLOT. This COMMON contains control variables and is not the same as COMMON TOPLOT in AGAP80.

(12) WRKCOM. This COMMON is a large work area. It contains several arrays and is shared by four subroutines to save storage.

(13) YNORP. This is the primary working area for Prony's method.

4.0 DETAILED PROGRAMMING AIDS

4.1 CONTROL SECTION CROSS-REFERENCE

The Control Section Cross-Reference List for AGAP80, Table 7,* shows most of the control sections, including COMMONS, which are referenced by another control section, with the exception of system routines, whose inclusion would not contribute to the usefulness of the list. Table 7 contains the control sections in alphabetical order in a column on the left side of the page. To the right of each control section name is the cross-reference information. LENGTH is the size of the subroutine or COMMON in hexadecimal bytes. CALLED BY gives the name of each control section referencing the control section whose name is in the column on the left. IS USED BY gives the name of control sections that reference the control sections in the CALLED BY list or by another control section in the IS USED BY list. CALLS gives the name of each control section referenced by the control section whose name is in the column on the left. USES gives the name of each control section referenced by a control section in the CALLS list or by another control section in the USES list.

The information in the Control Section Cross-Reference List is sufficient to construct the sequence of subroutine calls from which an overlay structure can be made.

As noted in Section 3.2, several subroutines have multiple entry points. However, the Control Section Cross-Reference List (Table 7) includes only the primary names of subroutines; it does not include the names of any of these additional entry points. In the case where a call to a subroutine is actually a call to an additional entry point, the primary name of the subroutine that contains the specified entry point is used in the Cross-Reference List. For example, Table 7 indicates that subroutine MNEM calls RESTRT when MNEM actually calls REST3 (a fourth entry point to RESTRT). For a multiple-entry subroutine, the subsequent entry points are named by a convention in which a numerical digit either follows or replaces the last letter of that subroutine name, in ascending order; for example, TILT1 and TILT2 are the first and second additional entry points to subroutine TILT.

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*Because of their length, Tables 7 through 13 are to be found at the end of Section 4.0.

Table 8 contains the Control Section Cross-Reference List for GDAP80. It is read and used in exactly the same manner as Table 7.

4.2 LAYOUT OF MANEUVER VARIABLES

COMMON blocks FORY and FORYD of AGAP80 contain arrays Y and YD. They are dimensioned (243,4) with the first subscript identifying the state variable that the array value represents, and the second subscript indicating the Runge-Kutta cycle in which the value was computed.

The left column of Table 9 gives the names for the groups of the state variables, the middle column shows the order of each of the 243 state variables, and the right column has a brief description of each one. Since the first mode of Rotor 2, Blade 1, is placed immediately after the last mode of Rotor 1, the dividing line between the two rotors is not given. In fact, the first mode of Rotor 2 is indicated as 1 plus the number of modes for Rotor 1. Each rotor mode has seven values. They are in the same order as the blades, i.e., first value for blade 1, second value for blade 2, and so on. If the number of blades is less than seven, the array locations for the higher numbered blades are not used.

4.3 PROGRAM DELIVERY

AGAP80 (500K version and 600K version) and GDAP80 were delivered under this contract, along with other DATAMAP programs. This volume documents AGAP80 and GDAP80 only. In order to make AGAP80 run under 500K, an extremely tight overlay structure is employed and three program features have been modified. The RIVD table option and the fuselage aerodynamic data table option have been removed. The maximum number of airfoil tables has been reduced from 10 to 2. The built-in NACA 0012 table is stored as the second airfoil in the 500K version, while it is stored as the tenth table in the 600K version.

Two global cross reference outputs, included in this Volume as Tables 10 and 11, respectively, were also delivered. The first is a cross reference of all the variables that are used by the 600K version of AGAP80. The second is a similar list for GDAP80. The first column of the cross reference is labeled VAR for variable referenced. The second column is labeled SUB and gives the subroutine in which the variable is referenced. For references in main programs or block data sections this column is left blank. The third column is labeled COMMON and gives the name of the labeled COMMON in which the variable is stored. The remaining columns are

labeled STATEMENT NUMBERS and contain the IBM FORTRAN Internal Statement Numbers (ISN) of the statements in which the variable is referenced. The statement numbers are tagged with TY if the statement is a type statement; an EQ for EQUIVALENCE statements; IO for input or output statements; or an asterisk (*) for statements in which a value is assigned to the variable.

4.4 AGAP80 DICTIONARY

There are more than 1000 variables in the common blocks of AGAP80. Additionally, several hundred local variables are scattered among the routines. It is extremely difficult to remember the meanings of each of the variables. Table 12 gives a brief, one-line, description for most of the key analysis variables in C81. In this table, each line starts with three blank columns, with the variable or array name beginning in column 4. Columns 12 through 72 give the meaning of the associated name. If the name is an array, the description is led by the array dimensions. Column 74 displays an asterisk (*), blank ( ) or pound sign (#). An asterisk indicates that the name appearing is contained in a labelled common. That label immediately follows the asterisk. A blank means the related name is a local variable of a routine. That routine name follows the blank. A pound sign is the symbol for a local name which is used in more than one routine. Consequently, MISC is printed starting in column 75.

4.5 SWITCH FOR DIAGNOSTIC DATA FROM STAB

In Section 4.3 of Volume I, IPL(90) is defined as a switch for obtaining diagnostic data during the rotorcraft stability analysis (STAB). Since the data generated by this switch are not of general interest to the user, but can be useful to the programmer, the function of IPL(90) is discussed in this Programmer's Manual rather than in Volume I. The function of the switch is described below.

There are up to 30 independent variables in STAB that may be incremented in the process of computing the stability (partial) derivatives. The number of variables actually incremented depends on the number of degrees of freedom which the user has activated. (See IPL(86) and (88) in Section 4.3 of Volume I.) In each STAB case, IPL(90) can be used to print out the following data resulting from one of the variables being incremented:

(1) Blade element aerodynamic data (α, C_L, C_D, C_M, etc.) at each blade station and each azimuth location for each rotor (i.e., IPRINT in subroutine RADIAL does not equal zero, which calls RADOUT).

(2) Rotor moment data (i.e., COND1 in subroutine MBAL is greater than 1.5, which causes printout).

To generate this output for a particular increment, IPL(90) is set to a value shown in Table 13. Further information about the variable in this table can be found in Section 6.8.2.1 of Volume I. Note that locking out a degree of freedom does not change the correspondence shown in Table 13 between IPL(90) and the variables. Also, it is only possible to obtain this extra printout for one variable in each STAB case. To obtain the printout for more than one variable, the case must be rerun for each variable of interest with IPL(90) set to the appropriate value in each repeat run.

TABLE 7. CONTROL SECTION CROSS-REFERENCE FOR AGAP80.

APTRIM	LENGTH 6A8												
	CALLED BY - CONTRM												
	IS USED BY - MAIN												
	CALLS - ANDOIT	FORY	FORYD	INSTAR	MANAL	NORSET	STAMAN	STRIAB	STRIMA	TIMEOD	TIVAN	TOPLOT	
	#RUPTN												
	USES - ANDOIT	FLEX	FLTRCM	FORWK	FORY	FORYD	FOSWK	INSTAR	MANAL	MATRIX	MPCNTL	MWRTR	
	NORSET	PYLON	STAMAN	STARAD	STARAN	STBD	STBMCK	STRIAB	STRIMA	TOPLOT	UNSARD	#NDXFM	
	#RCMNT												
AJACOB	LENGTH 8C0												
	CALLED BY - INSTAB	ITRIM	JACOBI										
	IS USED BY - CONSTB	CONTRM	INSTAB	ITRIM	MAIN	TRIM							
	CALLS - ANAL	FORY	FORYD	INSTAR	MANAL	MATRIX	STAMAN	STARAN	STRIAB	STRIMA	SWAS	TOPLOT	
	#RFM	#RQSUP	#RVP	ZLLCAL									
	USES - ANDOIT	ATAB	ATABCD	ATAMCL	ATAMCM	AZMINT	AZMOUT	AZMUTH	BOPFDD	BUNDER	BUTFLT	CDCL	
	CLCD	CMCALC	DIFFER	DOTX	FILTER	FLEX	FLTRCM	FOCUS	FORCMC	FORWK	FORWK1	FUNY	
	FORYD	FOSWK	FOSWK1	FPYLAC	FTAB	FTAB1	FUSFNM	GPPLGE	GPSHFT	GWMCNT	GWPFLT	GWPGRD	
	GRPRTR	GRPSHP	HRESP	INIT	INSTAR	INTFRQ	ITROT	MANAL	MATRIX	MBAL	PDPFDD	PYLACC	
	PYLON	RADBGN	RADIAL	RADOUT	RGUST	ROTAN	RTWAKE	RYHGST	SAVTMS	SMKCTL	SMKPYL	SOLVE	
	STAMAN	STAMAD	STAMAN	STBFNM	STBJNT	STBWAK	STRIAB	STRIMA	SWSRAT	TABINT	TOPLOT	TVTRIM	
	UNSARD	UNSDER	UNSTED	VIND	WAG	WING	WNDXFM	WSHDUF	XSTORE				
ALLMAT	LENGTH 5528												
	CALLED BY - ALSTAB	NUMRTF	PHSMAG										
	IS USED BY - ALSTAB	CONSTB	MAIN										
	CALLS - STBL	STBMCK											
ALSTAB	LENGTH 1580												
	CALLED BY - CONSTB												
	IS USED BY - MAIN												
	CALLS - ALLMAT	ASTAB	INVERS	MANAL	NUMRTF	PHSMAG	STBJ	STBMCK	STRIAB	TOPLOT	WRMS	WRINSF	
	USES - ALLMAT	ASTAB	FRQRES	INVERS	STARAN	STBD	STBMCK	SWAP	WRINSF				
ANAL	LENGTH A18												
	CALLED BY - AJACOB	DERIV	STAB										
	IS USED BY - CONSTB	CONTRM	INSTAB	ITRIM	JACOBI	MAIN	MANU	TRIM					
	CALLS - ANDOIT	FILTER	FUSFNM	INSTAR	MANAL	PYLON	ROTAN	STARAN	STBFNM	STRIAB	STRIMA	TOPLOT	
	WING	XSTORE											
	USES - ANDOIT	ATAB	ATABCD	ATABCL	ATABCM	AZMINT	AZMOUT	AZMUTH	BOPFDD	BUNDER	BUTFLT	CDCL	
	CLCD	CMCALC	DIFFER	DOTX	FILTER	FLEX	FLTRCM	FOCUS	FORCMC	FORWK	FORWK1	FORY	

TABLE 7. CONTINUED.

ANAL	USES	FJREV	FOSWK	FOSWK1	FPYLAC	FTAB	FTAB1	GPFLGE	GPSHFT	GRPCNT	GRPFLT	GRPGWD	GRPNTR
CONTINUED		GRPSHW	HRESP	INIT	INSTAB	INTFRQ	ITROT	MANAL	MATRIX	MBAL	PDPFDD	PYLACC	PYLUN
		HADMGN	HADIAL	HADOUT	RGUST	RTMAKE	RVRGST	SAVTHS	SHKCTL	SHRPYL	SOLVE	STABAM	STABAL
		STABAN	STBINT	STBMAK	STRIAB	STRIMA	SWSRAT	TABINT	TOPLOT	TVTRIM	UNSAMD	UNSDEN	UNSTED
		VIND	WAG	WSHDWF									
ANDOIT	LENGTH 638	THIS IS A 'COMMON' CONTROL SECTION											
	CALLED BY -	AFTRIM	ANAL	AZMINT	AZMOUT	AZMUTH	BDPFDD	BUNDER	CDCL	CLCD	CMCALC	DERIV	FOCUS
		FUSFNM	GRPCNT	GRPNTR	GRPSHW	HRESP	INTFRQ	ITROT	LOADI	MBAL	PDPFDD	PYLACC	MACHGN
		HADIAL	HADOUT	RESTRT	RGUST	ROTAN	RVRGST	SHKCTL	SHRPYL	STBFNM	STBINT	SWSRAT	TIMEJO
		TVTRIM	UNSDER	UNSTED	WING	WROPTM							
	IS USED BY -	AFTRIM	AJACOB	ANAL	AZMUTH	CDCL	CLCD	CONSTB	CONTRM	DERIV	FOCUS	INIT	INSTAB
		ITRIM	ITROT	JACOBI	MAIN	MANU	MBAL	MNEM	RADBGN	RADIAL	RGUST	ROTAN	STAB
		START	STBFNM	TIMLP	TRIM	TVTRIM	UNSTED	WING	WRTRIM				
ASTAB	LENGTH A90	THIS IS A 'COMMON' CONTROL SECTION											
	CALLED BY -	ALSTAB	FRQRES	NUMRTF	PHSMAG	WRTMSF							
	IS USED BY -	ALSTAB	CONSTB	MAIN	NUMRTF								
ATAB	LENGTH 1A90	THIS IS A 'COMMON' CONTROL SECTION											
	CALLED BY -	PTBOUT	REDATB	RESTRT	STBINT								
	IS USED BY -	AJACOB	ANAL	AZMUTH	CDCL	CLCD	CONSTB	CONTRM	DERIV	FOCUS	INSTAB	ITRIM	ITROT
		JACOBI	JSTRED	MAIN	MANU	MBAL	MNEM	RADIAL	READIN	ROTAN	STAB	START	STBFNM
		TIMLP	TRIM	TVTRIM	UNSTED	WING							
ATABCD	LENGTH ABED	THIS IS A 'COMMON' CONTROL SECTION											
	CALLED BY -	PTBOUT	REDATB	RESTRT	STBINT								
	IS USED BY -	AJACOB	ANAL	AZMUTH	CDCL	CLCD	CONSTB	CONTRM	DERIV	FOCUS	INSTAB	ITRIM	ITROT
		JACOBI	JSTRED	MAIN	MANU	MBAL	MNEM	RADIAL	READIN	ROTAN	STAB	START	STBFNM
		TIMLP	TRIM	TVTRIM	UNSTED	WING							
ATABCL	LENGTH 4E20	THIS IS A 'COMMON' CONTROL SECTION											
	CALLED BY -	PTBOUT	REDATB	RESTRT	STBINT								
	IS USED BY -	AJACOB	ANAL	AZMUTH	CDCL	CLCD	CONSTB	CONTRM	DERIV	FOCUS	INSTAB	ITRIM	ITROT
		JACOBI	JSTRED	MAIN	MANU	MBAL	MNEM	RADIAL	READIN	ROTAN	STAB	START	STBFNM
		TIMLP	TRIM	TVTRIM	UNSTED	WING							
ATABCM	LENGTH 5908	THIS IS A 'COMMON' CONTROL SECTION											
	CALLED BY -	PTBOUT	REDATB	RESTRT	STBINT								
	IS USED BY -	AJACOB	ANAL	AZMUTH	CDCL	CLCD	CONSTB	CONTRM	DERIV	FOCUS	INSTAB	ITRIM	ITROT
		JACOBI	JSTRED	MAIN	MANU	MBAL	MNEM	RADIAL	READIN	ROTAN	STAB	START	STBFNM
		TIMLP	TRIM	TVTRIM	UNSTED	WING							
ATMINT	LENGTH 330												
	CALLED BY -	START											
	IS USED BY -	MAIN											
	CALLS -	INSTAB	MANAL	STABAD	STABAN	STRIMA	TOPLOT						
AUXJET	LENGTH 220												
	CALLED BY -	VARJ											
	IS USED BY -	DERIV	MAIN	MANU									
	CALLS -	MANAL	STRIMA										
AZMINT	LENGTH 6A0												
	CALLED BY -	AZMUTH											
	IS USED BY -	AJACOB	ANAL	CONSTB	CONTRM	DERIV	FOCUS	INSTAB	ITRIM	ITROT	JACOBI	MAIN	MANU
		MBAL	ROTAN	STAB	TRIM	TVTRIM							
	CALLS -	ANDOIT	FLEX	FORWK	FORWK1	MANAL	STABAN	STABAD	STABAN				

TABLE 7. CONTINUED.

AZMOUT	LENGTH 308												
	CALLED BY - AZMUTH												
	IS USED BY - AJACOB	ANAL	CONSTB	CONTRM	DERIV	FOCUS	INSTAB	ITRIM	ITROT	JACOBI	MAIN	MANU	
	MBAL	ROTAN	STAB	TRIM	TVTRIM								
	CALLS - ANDOIT	MANAL	STARAD	STARAN	TOPLOT								
AZMUTH	LENGTH 1E0												
	CALLED BY - ITROT												
	IS USED BY - AJACOB	ANAL	CONSTB	CONTRM	DERIV	FOCUS	INSTAB	ITRIM	JACOBI	MAIN	MANU	MBAL	
	ROTAN	STAB	TRIM	TVTRIM									
	CALLS - ANDOIT	AZMINI	AZMOUT	FLEX	INSTAR	INTERP	MANAL	PYLON	RADIAL	SAVIMS	SMKCTL	STARAN	
	STARAD	STARAN	TOPLOT										
	USES - ANDOIT	ATAB	ATABCD	ATABCL	ATABCM	BUNDER	CDCL	CMCALC	DIFFEN	FLEX	FUNCMC	FUNDR	
	FUNCKI	INSTAN	MANAL	PYLON	RADBGN	RADOUT	RGUST	RTRACE	RVNGST	STARAN	STARAD	STARAN	
	STBINI	STRIMA	TOPLOT	UNSARO	UNSDER	UNSTED							
BUFFDD	LENGTH 4R0												
	CALLED BY - DERIV	FOCUS											
	IS USED BY - AJACOB	ANAL	CONSTB	CONTRM	DERIV	INSTAB	ITRIM	JACOBI	MAIN	MANU	ROTAN	STAB	
	TRIM	TVTRIM											
	CALLS - ANDOIT	DUTX	FLEX	FORV	FORVD	MANAL	PYLON	STARAD					
BLMINT	LENGTH 540												
	CALLED BY - INRO												
	IS USED BY - MAIN	RTINIT	START										
	CALLS - FLEX	INRMSS	INSTAR	MANAL	STARAD	STARAN	TOPLOT						
	USES - INSTAN	MANAL	STARAD	STAHAN	TOPLOT								
BLOADS	LENGTH 67C8 THIS IS A *COMMON* CONTROL SECTION												
	CALLED BY - LOADT	WRBMTV	WRSMTV										
	IS USED BY - CONTRM	LOADT	MAIN										
BMSINT	LENGTH 5F0												
	CALLED BY - INRO												
	IS USED BY - MAIN	RTINIT	START										
	CALLS - FLEX	INSTAR	MANAL	STAMAN	STARAD	STARAN	STRIMA						
BNTRFM	LENGTH 3E8												
	CALLED BY - VARI												
	IS USED BY - DERIV	MAIN	MANU										
	CALLS - MANAL	SOLVE	STAMAN	STRIMA	TOPLOT								
BUNDLH	LENGTH 3B8												
	CALLED BY - RADIAL												
	IS USED BY - AJACOB	ANAL	AZMUTH	CONSTB	CONTRM	DERIV	FOCUS	INSTAB	ITRIM	ITROT	JACOBI	MAIN	
	MANU	MBAL	ROTAN	STAB	TRIM	TVTRIM							
	CALLS - ANDOIT	DIFFEN	STARAN	UNSARO									
BUTFLT	LENGTH A20												
	CALLED BY - FLRINT	TVTRIM											
	IS USED BY - AJACOB	ANAL	CONSTB	CONTRM	DERIV	INSTAB	ITRIM	JACOBI	MAIN	MANU	ROTAN	STAB	
	TRIM												
	CALLS - FLIRCM												
CDCL	LENGTH 8B8												
	CALLED BY - RADIAL	UNSTED											
	IS USED BY - AJACOB	ANAL	AZMUTH	CONSTB	CONTRM	DERIV	FOCUS	INSTAB	ITRIM	ITROT	JACOBI	MAIN	
	MANU	MBAL	RADIAL	ROTAN	STAB	TRIM	TVTRIM						

TABLE 7. CONTINUED.

CDCL	CALLS -	ANDDIT	MANAL	STARAD	STARAN	STBINT							
CONTINUED	USES -	ANDDIT	ATAB	ATABCD	ATABCL	ATABCM							
CGXARM	LENGTH 220												
	CALLED BY -	EXTORS	TILT										
	IS USED BY -	DERIV	FLDRM	MAIN	MANU	MMEM	MTLT	START	VARI				
	CALLS -	INSTAR	MANAL	STAMAN	STRIMA								
CGYARM	LENGTH 250												
	CALLED BY -	EXTORS	TILT										
	IS USED BY -	DERIV	FLDRM	MAIN	MANU	MMEM	MTLT	START	VARI				
	CALLS -	INSTAR	MANAL	STAMAN	STRIMA								
CGZARM	LENGTH 240												
	CALLED BY -	EXTORS	TILT										
	IS USED BY -	DERIV	FLDRM	MAIN	MANU	MMEM	MTLT	START	VARI				
	CALLS -	INSTAR	MANAL	STAMAN	STRIMA								
CHOINT	LENGTH 368												
	CALLED BY -	INRO											
	IS USED BY -	MAIN	RTINIT	START									
	CALLS -	INSTAR	MANAL	STARAD	STARAN	TOPLOT							
CLCD	LENGTH 628												
	CALLED BY -	STBFNM	WING										
	IS USED BY -	AJACOB	ANAL	CONSTB	CONTRM	DERIV	INSTAB	ITRIM	JACOBI	MAIN	MANU	STAB	TRIM
	CALLS -	ANDDIT	MANAL	STARAN	STBINT	STRIAB	TOPLOT						
	USES -	ANDDIT	ATAB	ATABCD	ATABCL	ATABCM							
CMCALC	LENGTH 638												
	CALLED BY -	RADIAL											
	IS USED BY -	AJACOB	ANAL	AZMUTH	CONSTB	CONTRM	DERIV	FOCUS	INSTAB	ITRIM	STROT	JACOBI	MAIN
		MANU	MBAL	ROTAN	STAB	TRIM	TVTRIM						
	CALLS -	ANDDIT	FORCMC										
CNTM	LENGTH 260												
	CALLED BY -	VARI											
	IS USED BY -	DERIV	MAIN	MANU									
	CALLS -	MANAL	STARAN	STRIMA									
CONSTB	LENGTH 268												
	CALLED BY -	MAIN											
	CALLS -	ALSTAB	INSTAB	MANAL	MODES	STAB	STARAN	STBD	STRIMA	TOPLOT			
	USES -	AJACOB	ALLMAT	ANAL	ANDDIT	ASTAB	ATAB	ATABCD	ATABCL	ATABCM	AZMINI	AZMOUT	AZMUTH
		BDPFDD	BUMDER	BUTFLT	CDCL	CLCD	CMCALC	DAMPER	DIFFER	DOTK	FILTER	FLEX	FLTRCM
		FOCUS	FORCMC	FORMK	FORMKJ	FORV	FORVD	FOSMK	FOSMKJ	FPVLAC	FRQRES	FTAB	FTABJ
		FUSFNM	GPFLGE	GPSHFT	GRPCNT	GRPFLT	GRPGRD	GRPRTR	GRPSHP	HRESP	INFRMP	INIT	INSTAR
		INTFRQ	INVERS	JOBAT	ITROT	JACOBI	MANAL	MATRIX	MBAL	MDRDRS	NUMRTF	PDPFDD	PNSMAG
		PUNCH	PYLACC	PYLON	RADBGN	RADIAL	RADOUT	RGUST	ROTAN	RTWAKE	RVRGST	SAVTHS	SMKCTL
		SNRPYL	SOLVE	STARAN	STARAD	STARAN	STBD	STBFNM	STBINT	STBMCK	STBWAK	STRIAB	STRIMA
		SWAP	SWAS	SWSRAT	TABINT	TOPLOT	TVTRIM	UNSARO	UNSDER	UNSTED	VIND	WAG	WING
		WNDEFM	WRDELF	WRFM	WRINST	WRMS	WPPERT	WROSOP	WRSTAB	WRTNSF	WRVP	WSHDWF	XSTORE
		ZLLCAL											
CONTRM	LENGTH 120												
	CALLED BY -	MAIN											
	CALLS -	AFTRIM	LUADT	STRIAB	TOPLOT	TRIM							
	USES -	AJACOB	ANAL	ANDDIT	ATAB	ATABCD	ATABCL	ATABCM	AZMINT	AZMOUT	AZMUTH	BDPFDD	BLOADS

TABLE 7. CONTINUED.

CONTRM CONTINUED	USES	BUNDER	BUTFLT	CDCL	CLCD	CMCALC	CORR	DAMPER	DATE	DIFFER	DOTX	FILTER	FLEX
		FLTRCM	FOCUS	FORCMC	FORWK	FORWK1	FORY	FORYD	FOSWK	FOSWK1	FPYLAC	FTAB	FTAB1
		FUSFNM	GPFLGE	GPSHFT	GRPCNT	GRPFLT	GRPGRD	GRPRTR	GRPSHP	HANN	HRESP	INIT	INSTAR
		INTFRQ	ITRIM	ITROT	JACOBI	MANAL	MATRIX	MBAL	MPCNTL	MPRTR	MOPS	MORSET	PDPFDD
		PDZERO	PRETVT	PYLACC	PYLON	RADBGN	RADIAL	RADOUT	RGUST	ROTAN	RTWAKE	RVRGST	SAVTMS
		SMKCTL	SMRPYL	SOLVE	STAMAN	STARAD	STARAN	STBD	STBFNM	STBINT	STBMCK	STBWAK	STRIAB
		STRIMA	SWAS	SWSRAT	TABINT	TIMEQQ	TIVAR	TOPLOT	TVTRIM	UNSARO	UNSDER	UNSTED	VIND
		WAG	WING	WNDXFN	WRBWTV	WRCHMT	WRFN	WROPTN	WROSDP	WRSNTV	WRTHNV	WRTRIM	WRVP
		WSMDUF	XSTORE	ZLLCAL									
CORR	LENGTH 380												
	CALLED BY -	ITRIM											
	IS USED BY -	CONTRM	MAIN	TRIM									
	CALLS -	STARAN	STRIAB	STRIMA									
DAMPER	LENGTH 170												
	CALLED BY -	INSTAB	ITRIM	TRIM									
	IS USED BY -	CONSTB	CONTRM	MAIN	TRIM								
	CALLS -	STRIAB	STRIMA										
DATE	LENGTH 1F0												
	CALLED BY -	MAIN	START	WRMANU	WRTRIM								
	IS USED BY -	CONTRM	MAIN	MANU	TIMLP	TRIM							
DERIV	LENGTH 888												
	CALLED BY -	MANU											
	IS USED BY -	MAIN											
	CALLS -	ANAL	ANDOIT	BDPFDD	FORY	FORYD	FUSACC	MANAL	PDPFDD	PYLON	QSWDPF	QUAN	SCASIT
		SMRPYL	STAMAN	STARAN	STRIAB	STRIMA	SWSRAT	TOPLOT	VARI				
	USES -	ANDOIT	ATAB	ATABCD	ATABCL	ATABCM	AUXJET	AZMINT	AZMOUT	AZMUTH	BDPFDD	WRTRFN	BUNDER
		BUTFLT	CDCL	CGXARM	CGYARM	CGZARM	CLCD	CMCALC	CNTM	DIFFER	DOTX	EXTORS	FILTER
		FLDRM	FLEX	FLPSTP	FLTRCM	FOCUS	FORCMC	FORWK	FORWK1	FORY	FORYD	FOSWK	FOSWK1
		FPYLAC	FTAB	FTAB1	FUSFNM	GPFLGE	GPSHFT	GRPCNT	GRPFLT	GRPGRD	GRPRTR	GRPSHP	GUST
		HRESP	INIT	INSTAR	INTFRQ	ITROT	MANAL	MATRIX	MBAL	MOMB	MTLT	MOPS	PDPFDD
		PYLACC	PYLON	RADBGN	RADIAL	RADOUT	RGUST	ROTAN	RTWAKE	RVRGST	SAVTMS	SMKCTL	SMRPYL
		SOLVE	STAMAN	STARAD	STARAN	STBFNM	STBINT	STBWAK	STRIAB	STRIMA	SUPERP	SWAS	SWSRAT
		TABINT	TILT	TOPLOT	TVTRIM	UNSARO	UNSDER	UNSTED	VGUNS	VIND	VORGST	VSCAS	VTPFA
		WAG	WING	WSMDUF	XSTORE	ZLLCAL							
DIFFER	LENGTH 348												
	CALLED BY -	BUNDER	UNSDER										
	IS USED BY -	AJACOB	ANAL	AZMUTH	CONSTB	CONTRM	DERIV	FOCUS	INSTAB	ITRIM	ITROT	JACOBI	MAIN
		MANU	MBAL	RADIAL	ROTAN	STAB	TRIM	TVTRIM					
DOTX	LENGTH 58												
	CALLED BY -	BDPFDD	HRESP	STBWAK									
	IS USED BY -	AJACOB	ANAL	CONSTB	CONTRM	DERIV	FOCUS	INSTAB	ITRIM	ITROT	JACOBI	MAIN	MANU
		MBAL	ROTAN	STAB	STBFNM	TRIM	TVTRIM	WING					
ERRCHK	LENGTH 718												
	CALLED BY -	READIN											
	IS USED BY -	MAIN	START										
	CALLS -	FORY	FORYD	INSTAR	TOPLOT								
EXTORS	LENGTH 7F8												
	CALLED BY -	VARI											
	IS USED BY -	DERIV	MAIN	MANU									
	CALLS -	CGXARM	CGYARM	CGZARM	INSTAR	MANAL	STAMAN	STRIMA	TOPLOT				
	USES -	INSTAR	MANAL	STAMAN	STRIMA								

TABLE 7. CONTINUED.

FILTER	LENGTH 420												
	CALLED BY -	ANAL	FLHINT	FUSACC	ITROT	TVTRIM							
	IS USED BY -	AJACOB	ANAL	CONSTB	CONTRM	DERIV	FOCUS	INSTAB	ITRIM	JACOBI	MAIN	MANU	MBAL
		ROTAN	STAB	TRIM	TVTRIM								
	CALLS -	FLTRCM											
FLDRM	LENGTH 280												
	CALLED BY -	VARI											
	IS USED BY -	DERIV	MAIN	MANU									
	CALLS -	FORV	FORVD	MANAL	NOPS	STRIMA	TILT						
	USES -	CGXARM	CGYARM	CGZARM	INSTAR	MANAL	STAMAN	STRIMA	ZLLCAL				
FLEX	LENGTH 25F0	THIS IS A *COMMON* CONTROL SECTION											
	CALLED BY -	AZMINT	AZMUTH	BDPFDD	BLMINT	BMSINT	GPSHFT	INIT	INRO	INRTR	LOADT	MODAL	QUAN
		RADBGN	RADIAL	RESTRT	SMKINT	TIMEQQ	TVTRIM	WRMODE	WROPTN	ZERO			
	IS USED BY -	AFTRIM	AJACOB	ANAL	AZMUTH	CONSTB	CONTRM	DERIV	FOCUS	INIT	INRO	INSTAB	ITRIM
		ITROT	JACOBI	LIZE	MAIN	MANU	MBAL	MNEM	MODAL	RADIAL	ROTAN	RTINIT	STAB
		START	TIMLP	TRIM	TVTRIM	WRTRIM							
FLPSTP	LENGTH 200												
	CALLED BY -	VARI											
	IS USED BY -	DERIV	MAIN	MANU									
	CALLS -	MANAL	STRIMA										
FLRINT	LENGTH 400												
	CALLED BY -	MANU											
	IS USED BY -	MAIN											
	CALLS -	BUTFLT	FILTER	MANAL	STRIMA								
	USES -	FLTRCM											
FLTRCM	LENGTH 4F40	THIS IS A *COMMON* CONTROL SECTION											
	CALLED BY -	BUTFLT	FILTER	RESTRT	TIMEQQ								
	IS USED BY -	AFTRIM	AJACOB	ANAL	CONSTB	CONTRM	DERIV	FLRINT	FOCUS	FUSACC	INSTAB	ITRIM	ITROT
		JACOBI	MAIN	MANU	MBAL	MNEM	ROTAN	STAB	START	TIMLP	TRIM	TVTRIM	
FOCUS	LENGTH 400												
	CALLED BY -	ROTAN	TVTRIM										
	IS USED BY -	AJACOB	ANAL	CONSTB	CONTRM	DERIV	INSTAB	ITRIM	JACOBI	MAIN	MANU	ROTAN	STAB
		TRIM											
	CALLS -	AMDOIT	BDPFDD	ITROT	MANAL	MBAL	SMRPYL	STARAN	STRIMA	SWSRAT	TOPLOT		
	USES -	AMDOIT	ATAB	ATABCD	ATABCL	ATABCM	AZMINT	AZMOUT	AZMUTH	BUMDER	COCL	CMCALC	DIFFEM
		DOTX	FILTER	FLEX	FLTRCM	FORCMC	FORWK	FORWKI	FORV	FORVD	HRESP	INSTAR	INTFRQ
		ITROT	MANAL	MATRIX	PDPFDD	PYLACC	PYLON	RADBGN	RADIAL	RADOUT	RGUST	RTWAKE	RVRGST
		SAVTMS	SMKCTL	SOLVE	STAMAN	STARAD	STARAN	STBINT	STHIAB	STRIMA	SWSRAT	TOPLOT	UNSARO
		UNSDER	UNSTED	VIND									
FORCMC	LENGTH 15A8	THIS IS A *COMMON* CONTROL SECTION											
	CALLED BY -	CMCALC	RESTRT										
	IS USED BY -	AJACOB	ANAL	AZMUTH	CONSTB	CONTRM	DERIV	FOCUS	INSTAB	ITRIM	ITROT	JACOBI	MAIN
		MANU	MBAL	MNEM	RADIAL	ROTAN	STAB	START	TIMLP	TRIM	TVTRIM		
FORWK	LENGTH 318	THIS IS A *COMMON* CONTROL SECTION											
	CALLED BY -	AZMINT	ITROT	LIZE	RADBGN	REDRWK	RESTRT	RTWAKE	START	STBWAK	SWSRAT	TIMEQQ	UNSDER
		WRRWK	ZERO										
	IS USED BY -	AFTRIM	AJACOB	ANAL	AZMUTH	CONSTB	CONTRM	DERIV	FOCUS	INSTAB	ITRIM	ITROT	JACOBI
		JSTRCD	LIZE	MAIN	MANU	MBAL	MNEM	RADBGN	RADIAL	READIN	ROTAN	STAB	START
		STBFNM	TIMLP	TRIM	TVTRIM	WING							

TABLE 7. CONTINUED.

FORWK1	LENGTH 30C0	THIS IS A 'COMMON' CONTROL SECTION											
	CALLED BY -	AZMINT	ITROT	LIZE	RADBGN	REDRWK	RESTRT	RTWAKE	START	STBWAK	SWSRAT	UNSUEH	WRKWK
		ZERO											
	IS USED BY -	AJACOB	ANAL	AZMUTH	CONSTB	CONTRM	DERIV	FOCUS	INSTAB	ITRIM	ITROT	JACOBI	JSTRED
		LIZE	MAIN	MANU	MBAL	MNEM	RADBGN	RADIAL	READIN	ROTAN	STAB	START	STBFNM
		TIMLP	TRIM	TVTRIM	WING								
FORY	LENGTH F78	THIS IS A 'COMMON' CONTROL SECTION											
	CALLED BY -	AFTRIM	AJACOB	ADPFDD	DERIV	ERRCHK	FLDRM	FPYLAC	FSMINT	FUSACC	GPFLGE	GPSHFT	GRPGRD
		INIT	INSTAB	LIZE	LOADI	MANU	MNEM	MPCNTL	MPRTN	PRETVI	QSHDPF	QUAN	RESTRT
		ROTAN	SCASIT	STBFNM	SVINT	TIMEQD	TIMLP	TRIM	TVTRIM	VARI	VSCAS	WRINST	WRMANU
		ZERO											
	IS USED BY -	AFTRIM	AJACOB	ANAL	CONSTB	CONTRM	DERIV	FOCUS	INIT	INRU	INSTAB	ITRIM	JACOBI
		LIZE	MAIN	MANU	MNEM	READIN	ROTAN	RTINIT	STAB	START	TIMEQD	TIMLP	TRIM
		TVTRIM	VARI	WRTRIM									
FORYD	LENGTH F30												
	CALLED BY -	AFTRIM	AJACOB	ADPFDD	DERIV	ERRCHK	FLDRM	FPYLAC	FSMINT	FUSACC	GPFLGE	GPSHFT	GRPGRD
		INIT	INSTAB	LIZE	LOADI	MANU	MNEM	PRETVI	QSHDPF	QUAN	RESTRT	ROTAN	SCASIT
		STBFNM	SVINT	TIMEQD	TIMLP	TRIM	TVTRIM	VARI	VSCAS	WRINST	WRMANU	ZERO	
	IS USED BY -	AFTRIM	AJACOB	ANAL	CONSTB	CONTRM	DERIV	FOCUS	INIT	INRO	INSTAB	ITRIM	JACOBI
		LIZE	MAIN	MANU	MNEM	READIN	ROTAN	RTINIT	STAB	START	TIMLP	TRIM	TVTRIM
		VARI	WRTRIM										
FOSWK	LENGTH 790	THIS IS A 'COMMON' CONTROL SECTION											
	CALLED BY -	LIZE	REDSWK	RESTRT	STBFNM	STBWAK	STBZIN	TIMEQD	WING	WRSWK			
	IS USED BY -	AFTRIM	AJACOB	ANAL	CONSTB	CONTRM	DERIV	INSTAB	ITRIM	JACOBI	JSTRED	MAIN	MANU
		MNEM	READIN	STAB	START	STBFNM	TIMLP	TRIM	WING				
FOSWK1	LENGTH 360	THIS IS A 'COMMON' CONTROL SECTION											
	CALLED BY -	LIZE	REDSWK	RESTRT	STBFNM	STBWAK	STBZIN	WING	WRSWK				
	IS USED BY -	AJACOB	ANAL	CONSTB	CONTRM	DERIV	INSTAB	ITRIM	JACOBI	JSTRED	MAIN	MANU	MNEM
		READIN	STAB	START	STBFNM	TIMLP	TRIM	WING					
FPYLAC	LENGTH 2A0												
	CALLED BY -	INIT	WRTRIM										
	IS USED BY -	AJACOB	ANAL	CONSTB	CONTRM	DERIV	INSTAB	ITRIM	JACOBI	MAIN	MANU	ROTAN	STAB
		TIMLP	TRIM	TVTRIM									
	CALLS -	FORY	FORYD	INSTAR	MANAL	PYLON							
FRORES	LENGTH A58												
	CALLED BY -	NUMRTF											
	IS USED BY -	ALSTAB	CONSTB	MAIN									
	CALLS -	ASTAB	STBD										
FSMINT	LENGTH 268												
	CALLED BY -	INRO											
	IS USED BY -	MAIN	RTINIT	START									
	CALLS -	FORY	FORYD	INSTAR	MANAL	PYLON							
FTAB	LENGTH 6770	THIS IS A 'COMMON' CONTROL SECTION											
	CALLED BY -	FUSFNM	REDFTB	RESTRT	START								
	IS USED BY -	AJACOB	ANAL	CONSTB	CONTRM	DERIV	INSTAB	ITRIM	JACOBI	JSTRED	MAIN	MANU	MNEM
		READIN	STAB	START	TIMLP	TRIM							
FTAB1	LENGTH 50	THIS IS A 'COMMON' CONTROL SECTION											
	CALLED BY -	FUSFNM	FUSINT	JSTRED	LGCINT	MPUTOT	RESTRT	START					
	IS USED BY -	AJACOB	ANAL	CONSTB	CONTRM	DERIV	INSTAB	ITRIM	JACOBI	MAIN	MANU	MNEM	READIN
		STAB	START	TIMLP	TRIM								

TABLE 7. CONTINUED.

FUSACC	LENGTH 618 CALLED BY - DERIV IS USED BY - MAIN CALLS - FILTER USES - FLTRCM	MANU FORY	FORYD	MANAL	STAMAN	STRIAB	STRIMA	TOPLOT					
FUSFNM	LENGTH E78 CALLED BY - ANAL IS USED BY - AJACOB CALLS - ANDOIT USES - STARAN	CONSTB FTAB STRIMA	CONTRM FTABI	DERIV MANAL	INSTAB STAMAN	ITRIM STARAN	JACOBI TABINT	MAIN WSHOUF	MANU	STAB	TRIM		
FUSINT	LENGTH 580 CALLED BY - START IS USED BY - MAIN CALLS - FTABI	INSTAR	MANAL	STAMAN	STARAN	STRIMA							
GPFLGE	LENGTH 230 CALLED BY - INIT IS USED BY - AJACOB TIMLP CALLS - FORY	WRTRIM ANAL TRIM FORYD	CONSTB TVTRIM MANAL	CONTRM STAMAN	DERIV	INSTAB	ITRIM	JACOBI	MAIN	MANU	ROTAN	STAB	
GPSHFT	LENGTH 3F0 CALLED BY - INIT IS USED BY - AJACOB TIMLP CALLS - FLEX	WRTRIM ANAL TRIM FORY	CONSTB TVTRIM FORYD	CONTRM MANAL	DERIV PYLON	INSTAB STAMAN	ITRIM	JACOBI	MAIN	MANU	ROTAN	STAB	
GRPCNT	LENGTH 468 CALLED BY - INIT IS USED BY - AJACOB TIMLP CALLS - ANDOIT	WRTRIM ANAL TRIM INSTAR	CONSTB TVTRIM MANAL	CONTRM PYLON	DERIV STAMAN	INSTAB STRIMA	ITRIM	JACOBI	MAIN	MANU	ROTAN	STAB	
GRPFLT	LENGTH 520 CALLED BY - INIT IS USED BY - AJACOB TIMLP CALLS - MANAL	WRTRIM ANAL TRIM STAMAN	CONSTB TVTRIM STARAN	CONTRM STRIMA	DERIV	INSTAB	ITRIM	JACOBI	MAIN	MANU	ROTAN	STAB	
GRPGRD	LENGTH 258 CALLED BY - INIT IS USED BY - AJACOB TIMLP CALLS - FORY	WRTRIM ANAL TRIM FORYD	CONSTB TVTRIM MANAL	CONTRM STAMAN	DERIV STRIMA	INSTAB	ITRIM	JACOBI	MAIN	MANU	ROTAN	STAB	
GRPRTR	LENGTH 378 CALLED BY - INIT IS USED BY - AJACOB TIMLP CALLS - ANDOIT	WRTRIM ANAL TRIM MANAL	CONSTB TVTRIM STAMAN	CONTRM STARAN	DERIV	INSTAB	ITRIM	JACOBI	MAIN	MANU	ROTAN	STAB	
GRPSHP	LENGTH 316 CALLED BY - INIT IS USED BY - AJACOB TIMLP CALLS - ANDOIT	WRTRIM ANAL TRIM INSTAR	CONSTB TVTRIM MANAL	CONTRM STAMAN	DERIV STARAD	INSTAB STRIMA	ITRIM	JACOBI	MAIN	MANU	ROTAN	STAB	

TABLE 7. CONTINUED.

GUST	LENGTH 680												
	CALLED BY - VARI												
	IS USED BY - DERIV	MAIN	MANU										
	CALLS - MANAL	STAMAN	STARAN	STRIAB	STRIMA	VORGST							
	USES - MANAL	STAMAN	STARAN	STRIAB	STRIMA								
HARM	LENGTH 260												
	CALLED BY - LOADT	WRBNTV											
	IS USED BY - CONTRM	LOADT	MAIN										
HRESP	LENGTH 7A0												
	CALLED BY - ITROT												
	IS USED BY - AJACOB	ANAL	CONSTB	CONTRM	DERIV	FOCUS	INSTAB	ITRIM	JACOBI	MAIN	MANU	MODAL	
	RGTAN	STAB	TRIM	TVTRIM									
	CALLS - ANDOIT	DUTX	MANAL	STARAD	STARAN								
INFRHP	LENGTH 580												
	CALLED BY - MODES												
	IS USED BY - CONSTB	MAIN											
	CALLS - MANAL	PYLON	STBD										
INBLD	LENGTH 580												
	CALLED BY - INRD												
	IS USED BY - MAIN	RTINIT	START										
	CALLS - INSTAR	MANAL	STARAN										
INBMSS	LENGTH 500												
	CALLED BY - BLMINT												
	IS USED BY - INRD	MAIN	RTINIT	START									
	CALLS - INSTAR	MANAL	STARAD	STARAN	TOPLOT								
INIT	LENGTH 798												
	CALLED BY - TIMLP	IVTRIM											
	IS USED BY - AJACOB	ANAL	CONSTB	CONTRM	DERIV	INSTAB	ITRIM	JACOBI	MAIN	MANU	ROTAN	STAB	
	TRIM												
	CALLS - FLEX	FORY	FORYD	FPYLAC	GPFLGE	GPSHFT	GRPCNT	GRPFLT	GRPGRD	GRPRIN	GRPSHP	MANAL	
	PYLON	SAVTMS	STAMAN	STARAN	TOPLOT								
	USES - ANDOIT	FLEX	FORY	FORYD	INSTAR	MANAL	PYLON	STAMAN	STARAD	STARAN	STRIMA		
INRD	LENGTH E30												
	CALLED BY - RTINIT												
	IS USED BY - MAIN	START											
	CALLS - BLMINT	BMSINT	CMDINT	FLEX	FSMINT	INBLD	INRTR	INSTAR	MANAL	MODAL	PYLINT	PYLON	
	STAMAN	STARAD	STARAN	STRIMA	TOPLOT								
	USES - FLEX	FORY	FORYD	INBMSS	INSTAR	MANAL	MATRIX	PYLON	STAMAN	STARAD	STARAN	STRIMA	
	TOPLOT	WRMODE											
INRTR	LENGTH 450												
	CALLED BY - INRD												
	IS USED BY - MAIN	RTINIT	START										
	CALLS - FLEX	INSTAR	MANAL	MATRIX	STARAD	STARAN	STRIMA						
INSCAS	LENGTH 200												
	CALLED BY - JFBGIN												
	IS USED BY - MAIN	START											
	CALLS - MANAL	STAMAN	STRIMA										
INSTAB	LENGTH D10												

TABLE 7. CONTINUED.

INSTAB	CALLED BY - CONSTB												
CONTINUED	IS USED BY - MAIN												
	CALLS - AJACOB	DAMPER	FORY	FORYD	JACOBI	MANAL	PYLON	STAMAN	STARAN	STBD	STRIAB	STRIMA	
	SUBAS	TOPLOT	WRINST	ZLLCAL									
	USES - AJACOB	ANAL	ANDOIT	ATAH	ATABCD	ATABCL	ATABCM	AZMINT	AZMOUT	AZMUTH	BOPFDD	BUNDER	
	BUTFLT	CDCL	CLCD	CMCALC	DIFFER	DOTX	FILTER	FLEX	FLTRCM	FOCUS	FONCMC	FORWK	
	FORWK1	FORY	FORYD	FOSWK	FOSWK1	FPYLAC	FTAB	FTAB1	FUSFNM	GPFLGC	GPSHFT	GWPCNT	
	GRPFLT	GRPGRD	GRPRTR	GRPSHP	HRESP	INIT	INSTAB	INTERQ	ITROT	MANAL	MATRIX	MBAL	
	PUPFDD	PYLACC	PYLON	RADBGN	RADIAL	RADOUT	RGUST	ROTAN	RTWAKE	RVNGST	SAVTMS	SHKCTL	
	SHRPYL	SOLVE	STAMAN	STARAD	STARAN	STBD	STBFNM	STBINT	STWAK	STRIAB	STRIMA	SWAS	
	SUSMAT	TABINT	TOPLOT	TVTRIM	UNSARO	UNSDER	UNSTED	VIND	WAG	WING	WNUXFA	WRFM	
	WROSOP	WRVP	WSHOUF	XSTORE	ZLLCAL								
INSTAR	LENGTH 4188	THIS IS A *COMMON* CONTROL SECTION											
	CALLED BY - AFTRIM	AJACOB	ANAL	ATMINT	AZMUTH	BLMINT	BMSINT	CGXARM	CGYARM	CGZARM	CHOINT	ERRCHK	
	CKTORS	FPYLAC	FSMINT	FUSINT	GRPCNT	GRPSHP	INBLD	INBMSS	INWD	INRTH	ITERIN	ITRIM	
	ITROT	JFBGIN	JSTRED	LGCINT	LIZE	MANU	MNEM	MODAL	NPUTOT	PRETVI	PTBOUT	PUNCH	
	PYLACC	PYLINT	READIN	REDATB	RLDID	REDRWK	REDSWK	RESTRT	ROTAN	RTINIT	SHKINT	STVAR	
	START	STBFNM	STRZIN	SUSPAT	TIMEOD	TRIM	TRMINT	TVTRIM	UNSTED	VARI	WRFM	WRMODE	
	WROPTM	WRRWK	WKSWK	XCONIN	XSTINT	WFINIT							
	IS USED BY - AFTRIM	AJACOB	ANAL	AZMUTH	BLMINT	CONSTB	CONTRM	DERIV	EKTORS	FLOWM	FOCUS	INIT	
	INWD	INSTAB	ITRIM	ITROT	JACOBI	JSTRLD	MAIN	MANTYP	MANU	MBAL	MNEM	MODAL	
	MODES	MILT	MOPFDD	RADIAL	READIN	REDATB	REDRWK	REDSWK	RESTRT	ROTAN	RTINIT	STAB	
	START	TILT	TIMLP	TRIM	TVTRIM	VARI	WRDELF	WRMANU	WRPERT	WRTRIM			
INTERQ	LENGTH 1F0												
	CALLED BY - AZMUTH												
	IS USED BY - AJACOB	ANAL	CONSTB	CONTRM	DERIV	FOCUS	INSTAB	ITRIM	ITROT	JACOBI	MAIN	MANU	
	MBAL	ROTAN	STAB	TRIM	TVTRIM								
	CALLS - ANDOIT	MANAL	STARAN										
INVERS	LENGTH 668												
	CALLED BY - ALSTAB	NUMRTF	SWAP										
	IS USED BY - ALSTAB	CONSTB	MAIN	NUMRTF									
JOMAT	LENGTH EE8												
	CALLED BY - MODES												
	IS USED BY - CONSTB	MAIN											
	CALLS - STBD												
ITERIN	LENGTH 6D0												
	CALLED BY - START												
	IS USED BY - MAIN												
	CALLS - INSTAB	MANAL	STAMAN	STARAN	STRIAB	STRIMA							
ITRIM	LENGTH C20												
	CALLED BY - TRIM												
	IS USED BY - CONTRM	MAIN											
	CALLS - AJACOB	CORR	DAMPER	INSTAR	JACOBI	MANAL	PDZERO	SOLVE	STAMAN	STARAN	STRIAB	STRIMA	
	TOPLOT	WRVP											
	USES - AJACOB	ANAL	ANDOIT	ATAH	ATABCD	ATABCL	ATABCM	AZMINT	AZMOUT	AZMUTH	BOPFDD	BUNDER	
	BUTFLT	CDCL	CLCD	CMCALC	DIFFER	DOTX	FILTER	FLEX	FLTRCM	FOCUS	FONCMC	FORWK	
	FORWK1	FORY	FORYD	FOSWK	FOSWK1	FPYLAC	FTAB	FTAB1	FUSFNM	GPFLGC	GPSHFT	GWPCNT	
	GRPFLT	GRPGRD	GRPRTR	GRPSHP	HRESP	INIT	INSTAB	INTERQ	ITROT	MANAL	MATRIX	MBAL	
	PUPFDD	PYLACC	PYLON	RADBGN	RADIAL	RADOUT	RGUST	ROTAN	RTWAKE	RVNGST	SAVTMS	SHKCTL	
	SHRPYL	SOLVE	STAMAN	STARAD	STARAN	STBFNM	STBINT	STWAK	STRIAB	STRIMA	SWAS	SUSMAT	
	TABINT	TOPLOT	TVTRIM	UNSARO	UNSDER	UNSTED	VIND	WAG	WING	WNUXFA	WRFM	WROSOP	
	WRVP	WSHOUF	XSTORE	ZLLCAL									

TABLE 7. CONTINUED.

ITROT	LENGTH 1040												
	CALLED BY - FOCUS	MBAL											
	IS USED BY - AJACOB	ANAL	CONSTB	CONTRM	DCNIV	FOCUS	INSTAB	ITRIM	JACOBI	MAIN	MANU	ROTAN	
	STAM	TNIM	TVTRIM										
	CALLS - ANDUIT	AZMUTH	FILTER	FOR#K	FOR#K1	HRESP	INSTAR	MANAL	POPFOD	PYLON	STAMAD	STARAN	
	STRIAB	STRIMA	SRSMAT	TOPLOT	VINO								
	USES - ANDUIT	ATAM	ATABCD	ATABCL	ATABCM	AZMINI	AZMOUT	BUNDER	COCL	CMCALC	DIFFER	DUTX	
	FLEX	FLTHCM	FORCMC	FOR#K	FOR#K1	INSTAR	INTERP	MANAL	MATRIX	PYLALC	PYLON	MAUBGN	
	RADIAL	RADOUT	RGUST	RT#AKE	RVRGST	SAVTMS	SMKCTL	SOLVE	STAMAN	STARAD	STAMAN	STBINT	
	STRIMA	TOPLOT	UNSARO	UNSDER	UNSTED								
JACOBI	LENGTH 3C8												
	CALLED BY - INSTAB	ITRIM											
	IS USED BY - CONSTB	CONTRM	MAIN	TRIM									
	CALLS - AJACOB	MANAL	STAMAN	STRIAB	STRIMA	TOPLOT							
	USES - ANAL	ANDUIT	ATAB	ATABCD	ATABCL	ATABCM	AZMINI	AZMOUT	AZMUTH	BUMFOD	BUNDER	DUTFLT	
	CUCL	CLCD	CMCALC	DIFFER	DUTX	FILTER	FLEX	FLTRCM	FOCUS	FORCMC	FOR#K	FOR#K1	
	FORY	FORYD	FOS#K	FOS#K1	FPYLAC	FTAB	FTAB1	FUSFNM	GPFLGE	GPSSHFT	GRPCNT	GRPFLT	
	GRPGRD	GRPHTN	GRPSHP	HRESP	INIT	INSTAR	INTERP	ITROT	MANAL	MATRIX	MHAL	MOPFOD	
	PYLALC	PYLON	RADHGN	RADIAL	RADOUT	RGUST	ROTAN	RT#AKE	RVRUST	SAVTMS	SMKCTL	SMMPYL	
	SOLVE	STAMAN	STARAD	STARAN	STBFNM	STBINT	STR#AK	STRIAB	STRIMA	SR#AS	SRSMAT	TAUINT	
	TOPLOT	TVTRIM	UNSARO	UNSDER	UNSTED	VINO	WAG	WING	#NDAFM	#RFM	#NOSUP	#RMP	
	#SMOUF	XSTORE	ZLLCAL										
JPMGIN	LENGTH 72C												
	CALLED BY - START												
	IS USED BY - MAIN												
	CALLS - INSCAS	INSTAR	MANAL	MATRIX	STAMAN	STARAN	STRIAB	STRIMA	TOPLOT				
	USES - MANAL	STAMAN	STRIMA										
JSTRED	LENGTH F3B												
	CALLED BY - READIN												
	IS USED BY - MAIN	START											
	CALLS - FTAB1	INSTAR	MANAL	PYLON	REDATB	REDBMS	REDFTB	REDID	REDR#K	REDS#K	STAMAN	STAMAD	
	STRIMA												
	USES - ATAB	ATABCD	ATABCL	ATABCM	FOR#K	FOR#K1	FOS#K	FOS#K1	FTAB	INSTAR	MANAL	POSRED	
	REDCL	REDID	TOPLOT										
LGCINT	LENGTH 63B												
	CALLED BY - READIN												
	IS USED BY - MAIN	START											
	CALLS - FTAB1	INSTAR	MANAL	PYLON	STAMAN	STARAD	STAMAN	STRIAB					
LIZE	LENGTH 750												
	CALLED BY - START												
	IS USED BY - MAIN												
	CALLS - FOR#K	FOR#K1	FORY	FORYD	FOS#K	FOS#K1	INSTAR	MANAL	PYLON	STAMAN	STAMAN	STRD	
	STRIAB	STRIMA	SVINT	TOPLOT	ZERO								
	USES - FLEX	FOR#K	FOR#K1	FORY	FORYD	MANAL	PYLON	STAMAN	STRIAB	STRIMA	UNSARO		
LOADT	LENGTH 4F0B												
	CALLED BY - CONTRM												
	IS USED BY - MAIN												
	CALLS - ANDUIT	BLOADS	FLEX	FORY	FORYD	HARM	MANAL	PYLON	STAMAN	STARAD	STARAN	STRIAB	
	#RB#TV	#RSMTV											
	USES - BLOADS	HARM											
MAIN	LENGTH 7C8												

TABLE 7. CONTINUED.

MAIN	CALLS -	CONSTB	CONTRM	DATE	MANU	PUSRED	READIN	RESTRT	START	TOPLOT			
CONTINUED	USES -	AFTRIM	AJACOB	ALLMAT	ALSTAB	ANAL	ANDDIT	ASTAB	ATAB	ATABCD	ATABCL	ATABCM	ATMINT
		AUXJET	AZMINT	AZMOUT	AZMUTH	BUPFDD	BLMINT	BLOADS	BMSINT	BRTRFM	BUNDER	BUTFLT	CDCL
		CGXAHM	CGYAHM	CGZARM	CHDINT	CLCD	CMCALC	CNTM	CORN	DAMPER	DATE	DERIV	DIFFER
		DRIX	ENRGMX	EXTORS	FILTER	FLDRM	FLEX	FLPSTP	FLRINT	FLTRCM	FOCUS	FORCMC	FUNBK
		FUSBK	FUSBK1	FUNYD	FUSBK	FUSBK1	FPYLAC	FRQRES	FSMINT	FTAB	FTAB1	FUSACC	FUSFNM
		GPSINT	GPFLGE	GPSHFT	GRPCNT	GRPFLT	GRPGRD	GRPRTR	GRPSHP	GUST	HARM	HMRESP	IMFHMP
		INBLD	INBMSS	INIT	INRD	INRTR	INSCAS	INSTAB	INSTAR	INTFRD	INVERS	IUNAI	ITERIN
		ITERIM	ITROT	JACOBI	JFBGIN	JSTRED	LGCINT	LIZE	LOADT	MANAL	MANTYP	MATRIX	MDAL
		MDRDRS	MNEM	MODAL	MODES	MOMM	MPCNTL	MPRTR	MTLT	NUPS	NUNSLT	NPUTDT	NUMRTF
		PUPFDD	PDSRLD	POZERO	PHSMAG	PRETVT	PTBOUT	PUNCH	PYLACC	PYLINT	PYLON	QSBDPF	QUAN
		RADBGN	RADIAL	RADOUT	READIN	REDATB	RLDBMS	REDCL	REDFTB	REDIO	RLDRBK	RLDSBK	RESTRT
		RGUST	ROTAN	RTINIT	RTBAKE	RVRGST	SAVTMS	SCASIT	SHKCTL	SHKINT	SHRPYL	SIVAR	SOLVE
		STAB	STAMAN	STARAD	STARAN	STBD	STBFNM	STBINT	STHMCK	STBWAK	STRZIN	STRIAB	STRIMA
		SUPERP	SVINT	SWAP	SWAS	SBSRAT	TABFIX	TABINT	TABOUT	TILT	TIMEJD	TIMLP	TIVAR
		TOPLOT	TRIM	TRMINT	TVTRIM	UNSARD	UNSDER	UNSTED	VARI	VGUNS	VIND	VORGST	VSCAS
		VTFFA	WAG	WING	WKIARN	WNDXFM	WHBMTV	WRCMMT	WRDELF	WRFM	WRINST	WRMANU	WRMODE
		WRMS	WROPTM	WRPERT	WRNDSP	WRRBK	WRSMTV	WRSTAB	WRSWK	WRTMNV	WRTRSF	WRTRIM	WRVP
		WSHOUT	XCONIN	XSTINT	XSTORE	YFINIT	YRINIT	YSINIT	ZERO	ZLLCAL			
MANAL	LENGTH <008		THIS IS A *COMMON* CONTROL SECTION										
	CALLED BY -	AFTRIM	AJACOB	ALSTAB	ANAL	AIMINT	AUXJET	AZMINT	AZMOUT	AZMUTH	BUPFDD	BLMINT	BMSINT
		BRTRFM	CDCL	CGXAHM	CGYAHM	CGZARM	CHDINT	CLCD	CNTM	CONSTB	DERIV	FXTORS	FLDRM
		FLPSTP	FLRINT	FOCUS	FPYLAC	FSMINT	FUSACC	FUSFNM	FUSINT	GPFLGE	GPSHFT	GRPCNT	GRPFLT
		GRPGRD	GRPRTR	GRPSHP	GUST	HRESP	IMFHMP	INBLD	INBMSS	INIT	INRD	INRTR	INSCAS
		INSTAB	INTFRD	ITERIN	ITRIM	ITROT	JACOBI	JFBGIN	JSTRED	LGCINT	LIZE	LOADT	MANTYP
		MANU	MBAL	MDRDRS	MNEM	MODAL	MODES	MPCNTL	MPRTR	MTLT	NUPS	NPUTDT	PUPFDD
		PRETVT	PYLACC	PYLINT	QSHDPF	QUAN	RADBGN	RADIAL	RADOUT	READIN	REDUBK	RESTRT	RGUST
		ROTAN	RTINIT	RTBAKE	RVRGST	SAVTMS	SCASIT	SHKCTL	SHKINT	SHRPYL	SIVAR	STAB	START
		STBFNM	STBWAK	STHZIN	SUPERP	SWAS	SWSRAT	TILT	TIMEJD	TIMLP	TIVAR	TRIM	TVTRIM
		UNSDER	UNSTED	VARI	VGUNS	VIND	VORGST	VTFFA	WING	WRDELF	WRFM	WRINST	WRMANU
		WRMODE	WROPTM	WRPLRT	WRRBK	WRTMNV	WRTRIM	WRVP	XCONIN	XSTORE	YFINIT	ZERO	ZLLCAL
	IS USED BY -	AFTRIM	AJACOB	ANAL	AZMUTH	BLMINT	CONSTB	CONTRM	DERIV	EXTORS	FLDRM	FOCUS	GUST
		INIT	INRD	INSTAB	ITRIM	ITROT	JACOBI	JFBGIN	JSTRED	LIZE	MAIN	MANTYP	MANU
		MBAL	MNEM	MODAL	MODES	MTLT	PUPFDD	PRETVT	RADBGN	RADIAL	READIN	RESTRT	RGUST
		ROTAN	RTINIT	STAB	START	STBFNM	TILT	TIMEJD	TIMLP	TRIM	TVTRIM	UNSTED	VARI
		WING	WRDELF	WRMANU	WRPERT	WRTRIM							
MANTYP	LENGTH <AB												
	CALLED BY -	MNEM											
	IS USED BY -	MAIN	START										
	CALLS -	MANAL	NORSET	SIVAR	STRIMA	TOPLOT							
	USES -	INSTAB	MANAL	STAMAN	STARAN	STRIMA	TOPLOT						
MANU	LENGTH 5E8												
	CALLED BY -	MAIN											
	CALLS -	DERIV	FLRINT	FUNY	FUNYD	INSTAB	MANAL	NORSET	QUAN	RESTRT	SAVTMS	STAMAN	STRIMA
		TIMEJD	TIMLP	TOPLOT									
	USES -	ANAL	ANDDIT	ATAB									
		BUNDER	BUTFLT	CLCD	CGXAHM	CGYAHM	CGZAHM	CLCD	CMCALC	CNTM	DATE	DIFFER	OUTX
		EXTORS	FILTER	FLDRM	FLEX	FLPSTP	FLTRCM	FOCUS	FORCMC	FUNBK	FUNBK1	FUNY	FUNYD
		FUSBK	FUSBK1	FPYLAC	FTAB	FTAB1	FUSACC	FUSFNM	GPFLGE	GPSHFT	GRPCNT	GRPFLT	GRPGRD
		GRPRTR	GRPSHP	GUST	HRESP	INIT	INSTAB	INTFRD	ITROT	MANAL	MAININX	MDAL	MDRDS
		MPCNTL	MPRTR	MTLT	NDPS	NORSET	PUPFDD	PYLACC	PYLON	QSBDPF	QUAN	RADBGN	RADIAL
		RADOUT	RESTRT	RGUST	ROTAN	RTBAKE	RVRGST	SAVTMS	SCASIT	SHKCTL	SHRPYL	SIVAR	SOLVE
		STAMAN	STARAD	STARAN	STBD	STBFNM	STBINT	STBWAK	STRIAB	STRIMA	SUPERP	SWAS	
		SWSRAT	TABINT	TILT	TIVAR	TOPLOT	TVTRIM	UNSARD	UNSDER	UNSTED	VARI	VGUNS	VIND
		VORGST	VSCAS	VTFFA	WAG	WING	WNDXFM	WRFM	WRMANU	WRTMNV	WSHOUT	XSTORE	ZLLCAL

TABLE 7. CONTINUED.

MATRIX	LENGTH 260 CALLED BY - AJACOB IS USED BY - AFTRIM MAIN WHMANU	INRTH AJACOB MANU WRPERT	JFBGIN ANAL MDAL WNTRIM	MNEM CONSTB ROTAN	MTLT CONTRM RTINIT	QUAN DERIV STAB	SWSRAT FOCUS START	WREM INRU TIMEP	WROPTN INSTAB TRIM	ITRIM TVTRIM	ITROT VARI	JACOBI WMODELF	
MDAL	LENGTH 658 CALLED BY - FOCUS IS USED BY - AJACOB TRIM CALLS - ANDOIT USES - ANDOIT DOTX PDPFDO STAMAN	ANAL TVTRIM ITROT ATAB FILTER PYLALC STARAD	CONSTB MANAL ATABCD FLEX PYLON STAMAN	CONTRM STRIAB ATABCL FLTRCM RADMGN STBINT	DERIV TOPLOT ATABCM FORCMC RADIAL STRIAB	INSTAB AZMINT FORWK RADOUT STRIMA	ITRIM AZMOUT FORWK1 RGUST SWSRAT	JACOBI AZMUTH MRESP RTWAKE TOPLOT	MAIN BUNDER INSTAR RVRGST UNSARO	MANU COCL INTFMO SAVTMS UNSDEN	MOTAN CMCALC MANAL SMKCTL UNSTED	STAB DIFFEN MATRIX SOLVE VIND	
MDRDRS	LENGTH 848 CALLED BY - MODES IS USED BY - CONSTB CALLS - MANAL	MAIN PYLON	STBD	STRIAB	STRIMA								
MNEM	LENGTH 998 CALLED BY - START IS USED BY - MAIN CALLS - FORY SWAS USES - ANDOIT FORWK1 SIVAN	FORYD TILT ATAB FORY STAMAN	INSTAR TOPLOT ATABCD FORYD STARAD	MANAL VIND ATABCL FOSWK STARAN	MANTYP ATABCM FOSWK1 STBD	MATRIX CGXARM FTAB STBMCK	NOPS CGYARM FTAB1 STRIAB	RESTRT CGZARM INSTAR STRIMA	STAMAN FLEX MANAL TIVAN	STARAN FLTRCM NORSET TOPLOT	STRIAB FORCMC PYLON UNSARO	STRIMA FORWK SAVTMS ZLLCAL	
MODAL	LENGTH 1058 CALLED BY - INRO IS USED BY - MAIN CALLS - FLEX USES - FLEX	RTINIT INSTAR INSTAR	START MANAL MANAL	STAMAN STARAN	STXRAD	STARAN	WRMODE						
MODES	LENGTH 700 CALLED BY - CONSTB IS USED BY - MAIN CALLS - INFNMP USES - INSTAR	IOMAT MANAL	MANAL PYLON	MDRDRS STAMAN	PUNCH STBD	STAMAN STRIAB	STBD STRIMA	STRIAB TOPLOT	STRIMA				
MOMD	LENGTH 206 CALLED BY - VARI IS USED BY - DERIV CALLS - STRIMA	MAIN	MANU										
MPCNTL	LENGTH 580 CALLED BY - TIMEQD IS USED BY - AFTRIM CALLS - FORY	CONTRM MANAL	MAIN PYLON	MANU STARAD	STRIMA								
MPRTN	LENGTH 808 CALLED BY - TIMEQD IS USED BY - AFTRIM CALLS - FORY	CONTRM MANAL	MAIN STARAD	MANU STARAN									
MTLT	LENGTH 340												

TABLE 7. CONTINUED.

MILT	CALLED BY - VARI											
CONTINUED	IS USED BY - DERIV	MAIN	MANU									
	CALLS - MANAL	MATRIX	STAMAN	STRIMA	TILT							
	USES - CGXARM	CGYARM	CGZARM	INSTAR	MANAL	STAMAN	STRIMA	ZLLCAL				
NOPS	LENGTH 506											
	CALLED BY - FLORM	MNLM	PREIVT									
	IS USED BY - CONTRM	DERIV	MAIN	MANU	START	TRIM	VARI					
	CALLS - MANAL											
NORSET	LENGTH 18 THIS IS A 'COMMON' CONTROL SECTION											
	CALLED BY - AFTRIM	MANTYP	MANU	RESTRI	TIMEQQ							
	IS USED BY - AFTRIM	CONTRM	MAIN	MANU	MNEM	START	TIMLP					
NPUTOT	LENGTH 098											
	CALLED BY - READIN											
	IS USED BY - MAIN	START										
	CALLS - FTAB1	INSTAR	MANAL	PYLON	STAMAN	STARAD	STRIMA					
NUMRIF	LENGTH 1340											
	CALLED BY - ALSTAB											
	IS USED BY - CONSTB	MAIN										
	CALLS - ALLMAT	ASTAB	FHOMES	INVERS	STBD	STBMCK	SWAP	WRTNSF				
	USES - ASTAB	INVERS	STBD	STBMCK								
POPEDD	LENGTH 0E0											
	CALLED BY - DERIV	ITROT										
	IS USED BY - AJACOB	ANAL	CONSTB	CONTRM	DERIV	FOCUS	INSTAB	ITRIM	JACOBI	MAIN	MANU	MBAL
	ROTAN	STAB	TRIM	TVTRIM								
	CALLS - ANDDIT	MANAL	PYLACC	PYLON	SOLVE	STARAN						
	USES - INSTAR	MANAL	PYLON	STARAN								
PDSRED	LENGTH 268											
	CALLED BY - MAIN	REDID										
	IS USED BY - JSTRED	MAIN	READIN	REDAIR	REDRWK	REDSWK	START					
PDZERO	LENGTH 32B											
	CALLED BY - ITRIM											
	IS USED BY - CONTRM	MAIN	TRIM									
PMSMAG	LENGTH C18											
	CALLED BY - ALSTAB											
	IS USED BY - CONSTB	MAIN										
	CALLS - ALLMAT	ASTAB	STBD	STBMCK								
	USES - STBD	STBMCK										
PRETVT	LENGTH 820											
	CALLED BY - TRIM											
	IS USED BY - CONTRM	MAIN										
	CALLS - FORV	FORYD	INSTAR	MANAL	NOPS	PYLON	STARAM	STRIAB	STRIMA	TOPLUT		
	USES - MANAL											
PTBOUT	LENGTH 478											
	CALLED BY - START											
	IS USED BY - MAIN											
	CALLS - ATAB	ATABCD	ATABCL	ATABCM	INSTAR	TABFIX	TABOUT					
PUNCH	LENGTH 620											

TABLE 7. CONTINUED.

PUNCH	CALLED BY -	MODES											
CONTINUED	IS USED BY -	CONSTB	MAIN										
	CALLS -	INSTAB	STAMAN	STAB	STRIMA	TOPLOT							
PYLACC	LENGTH 360												
	CALLED BY -	POPFDD	STAB										
	IS USED BY -	AJACOB	ANAL	CONSTB	CONTRM	DERIV	FOCUS	INSTAB	ITRIM	ITROT	JACOBI	MAIN	MANU
		MBAL	ROTAN	STAB	TRIM	TVTRIM							
	CALLS -	INSTAB	MANAL	PYLON	STARAN								
PYLINT	LENGTH 288												
	CALLED BY -	INRO											
	IS USED BY -	MAIN	RTINIT	START									
	CALLS -	INSTAB	MANAL	PYLON	STARAN								
PYLON	LENGTH DF0	THIS IS A *COMMON* CONTROL SECTION											
	CALLED BY -	ANAL	AZMUTH	DOPFDD	DERIV	FPYLAC	FSMINI	GPSMFI	GRPCNT	INFRMP	INIT	INRO	INSTAB
		ITROT	JSTRED	LGCINT	LIZE	LOADT	MORDRS	MPCNTL	NPUTOT	POPFDD	PRETVT	PYLACC	PYLINT
		QUAN	RADBGN	RESTRT	ROTAN	SAVTHS	SHRPYL	STAB	SUSRAT	TIMEQQ	TVTRIM	WMANU	WRUPTM
		WRPERT	WRSTAB	ZERO									
	IS USED BY -	AFTRIM	AJACOB	ANAL	AZMUTH	CONSTB	CONTRM	DERIV	FOCUS	INIT	INRO	INSTAB	ITRIM
		ITROT	JACOBI	LIZE	MAIN	MANU	MBAL	MNEM	MODES	POPFDD	RADIAL	RLADIN	RESTRT
		ROTAN	RTINIT	STAB	START	TIMEQQ	TIMLP	TRIM	TVTRIM	WRTRIM			
QSQDPF	LENGTH 340												
	CALLED BY -	DERIV											
	IS USED BY -	MAIN	MANU										
	CALLS -	ANDOIT	FORY	FORYD	MANAL	STARAN							
QUAN	LENGTH 828												
	CALLED BY -	DERIV	MANU										
	IS USED BY -	MAIN	MANU										
	CALLS -	FLEX	FORY	FORYD	MANAL	MATRIX	PYLON	STAMAN	STARAN	STRIMA			
RADBGN	LENGTH 648												
	CALLED BY -	RADIAL											
	IS USED BY -	AJACOB	ANAL	AZMUTH	CONSTB	CONTRM	DERIV	FOCUS	INSTAB	ITRIM	ITROT	JACOBI	MAIN
		MANU	MBAL	ROTAN	STAB	TRIM	TVTRIM						
	CALLS -	ANDOIT	FLEX	FORWK	FORWK1	MANAL	PYLON	RGUST	RTWAKE	STARAD	STARAN		
	USES -	ANDOIT	FORWK	FORWK1	MANAL	RVRGST	STAMAN	STARAD	STARAN	STRIMA			
RADIAL	LENGTH F0E												
	CALLED BY -	AZMUTH											
	IS USED BY -	AJACOB	ANAL	CONSTB	CONTRM	DERIV	FOCUS	INSTAB	ITRIM	ITROT	JACOBI	MAIN	MANU
		MBAL	ROTAN	STAB	TRIM	TVTRIM							
	CALLS -	ANDOIT	BUNDER	CDCL	CMCALC	FLEX	MANAL	RADBGN	RADOUT	STAMAN	STARAD	STARAN	STRIMA
		TOPLOT	UNSARO	UNSDER	UNSTED								
	USES -	ANDOIT	ATAB	ATABCD	ATADCL	ATABCM	CDCL	DIFFEM	FLEX	FORCMC	FORWK	FORWK1	INSTAB
		MANAL	PYLON	RGUST	RTWAKE	RVRGST	STAMAN	STARAD	STARAN	STBINT	STRIMA	TOPLOT	UNSARO
RADOUT	LENGTH 4C0												
	CALLED BY -	RADIAL											
	IS USED BY -	AJACOB	ANAL	AZMUTH	CONSTB	CONTRM	DERIV	FOCUS	INSTAB	ITRIM	ITROT	JACOBI	MAIN
		MANU	MBAL	ROTAN	STAB	TRIM	TVTRIM						
	CALLS -	ANDOIT	MANAL	STARAD	STARAN	TOPLOT							
READIN	LENGTH C48												
	CALLED BY -	MAIN	START										

TABLE 7. CONTINUED.

READIN	IS USED BY - MAIN												
CONTINUED	CALLS - ERRCHK	INSTAR	JSTRED	LGCINI	MANAL	NPUTOT	STAMAN	STARAD	STRIAB	STRIMA	TOPLOT	WRCHMT	
	USES - ATAB	ATABCD	ATABCL	ATABCM	FORWK	FORWK1	FORY	FORYD	FOSWK	FOSWK1	FTAB	FTAB1	
	INSTAR	MANAL	MDSRED	PYLON	REDATB	REDBMS	REDCL	REDFTB	REDID	REDWRK	REDSWK	STAMAN	
	STARAD	STAMAN	STRIAB	STRIMA	TOPLOT								
REDATB	LENGTH 288												
	CALLED BY - JSTRED												
	IS USED BY - MAIN	READIN	START										
	CALLS - ATAB	ATABCD	ATABCL	ATABCM	INSTAR	REDCL	REDID						
	USES - INSTAR	PDSRED											
REDBMS	LENGTH 218												
	CALLED BY - JSTRED												
	IS USED BY - MAIN	READIN	START										
REDCL	LENGTH 288												
	CALLED BY - REDATB	REDFTB											
	IS USED BY - JSTRED	MAIN	READIN	START									
REDFTB	LENGTH 208												
	CALLED BY - JSTRED												
	IS USED BY - MAIN	READIN	START										
	CALLS - FTAB	REDCL											
REDID	LENGTH 690												
	CALLED BY - JSTRED	REDATB	REDWRK	REDSWK									
	IS USED BY - JSTRED	MAIN	READIN	START									
	CALLS - INSTAR	PDSRED											
REDWRK	LENGTH 828												
	CALLED BY - JSTRED												
	IS USED BY - MAIN	READIN	START										
	CALLS - FORWK	FORWK1	INSTAR	MANAL	REDID	TOPLOT							
	USES - INSTAR	PDSRED											
REDSWK	LENGTH 610												
	CALLED BY - JSTRED												
	IS USED BY - MAIN	READIN	START										
	CALLS - FOSWK	FOSWK1	INSTAR	REDID	TOPLOT								
	USES - INSTAR	PDSRED											
RESTRT	LENGTH F78												
	CALLED BY - MAIN	MANU	MNEM	TIMLP									
	IS USED BY - MAIN	MANU	START										
	CALLS - ANDOIT	ATAB	ATABCD	ATABCL	ATABCM	FLEX	FLTRCM	FORCMC	FORWK	FORWK1	FORY	FORYD	
	FOSWK	FOSWK1	FTAB	FTAB1	INSTAR	MANAL	NORSET	PYLON	SAVTHS	SIVAR	STAMAN	STARAD	
	STARAN	STBD	STBMCK	STRIAB	STRIMA	TIVAR	TOPLOT	UNSARO					
	USES - INSTAR	MANAL	PYLON	STAMAN	STARAN	STRIMA	TOPLOT						
RGUST	LENGTH 418												
	CALLED BY - RADBGN												
	IS USED BY - AJACOB	ANAL	AZMUTH	CONSTB	CONTRM	DERIV	FOCUS	INSTAB	ITRIM	ITROT	JACOBI	MAIN	
	MANU	MBAL	RADIAL	ROTAN	STAB	TRIM	TVTRIM						
	CALLS - ANDOIT	MANAL	MVRGST	STAMAN	STARAD	STARAN	STRIMA						
	USES - ANDOIT	MANAL	STARAD	STRIMA									
ROTAN	LENGTH 500												

TABLE 7. CONTINUED.

ROTAN	CALLED BY -	ANAL	TRIM										
CONTINUED	IS USED BY -	AJACOB	CONSTB	CONTRM	DERIV	INSTAB	ITRIM	JACOBI	MAIN	MANU	STAB	TRIM	
	CALLS -	ANDQIT	FOCUS	FORY	FORYD	INSTAR	MANAL	PYLON	STARAN	TOPLOT	TVTRIM		
	USES -	ANDQIT	ATAB	ATABCD	ATABCL	ATABCM	AZMINT	AZMOUT	AZMUTH	BDPFDD	BUNDER	BUTFLT	CDCL
		CMCALC	DIFFEN	DOTX	FILTER	FLEX	FLTRCM	FOCUS	FUNCMC	FORWK	FORWK1	FORY	FORYD
		FPYLAC	GPFLGE	GPSHFT	GRPCNT	GRPFLT	GRPGRD	GRPRTR	GRPSHP	HRESP	INIT	INSTAR	INTFRQ
		ITROT	MANAL	MATRIX	MBAL	PDPFDD	PYLACC	PYLON	RADBGN	RADIAL	RADOUT	RGUST	RTWAKE
		MVRGST	SAVTMS	SHKCTL	SHRPYL	SOLVE	STAMAN	STARAD	STARAN	STBINT	STRIAB	STRIMA	SWSRAT
		TOPLOT	UNSAND	UNSDER	UNSTED	VIND							
RTINIT	LENGTH 360												
	CALLED BY -	START											
	IS USED BY -	MAIN											
	CALLS -	INRO	INSTAR	MANAL	SHKINT	STAMAN	STARAD	STARAN	STRIAB	STRIMA	TOPLOT		
	USES -	BLMINT	BMSINT	CMDINT	FLEX	FORY	FORYD	FSMINT	INBLD	INBMSS	INRTR	INSTAR	MANAL
		MATRIX	MODAL	PYLINT	PYLON	STAMAN	STARAD	STARAN	STRIMA	TOPLOT	WRMODE		
RTWAKE	LENGTH 468												
	CALLED BY -	RADBGN											
	IS USED BY -	AJACOB	ANAL	AZMUTH	CONSTB	CONTRM	DERIV	FOCUS	INSTAB	ITRIM	ITROT	JACOBI	MAIN
		MANU	MBAL	RADIAL	ROTAN	STAB	TRIM	TVTRIM					
	CALLS -	FORWK	FORWK1	MANAL									
RVRGST	LENGTH 390												
	CALLED BY -	RGUST											
	IS USED BY -	AJACOB	ANAL	AZMUTH	CONSTB	CONTRM	DERIV	FOCUS	INSTAB	ITRIM	ITROT	JACOBI	MAIN
		MANU	MBAL	RADBGN	RADIAL	ROTAN	STAB	TRIM	TVTRIM				
	CALLS -	ANDQIT	MANAL	STARAD	STRIMA								
SAVTMS	LENGTH 160												
	CALLED BY -	AZMUTH	INIT	MANU	RESTRT	TVTRIM							
	IS USED BY -	AJACOB	ANAL	CONSTB	CONTRM	DERIV	FOCUS	INSTAB	ITRIM	ITROT	JACOBI	MAIN	MANU
		MBAL	MNEM	ROTAN	STAB	START	TIMLP	TRIM	TVTRIM				
	CALLS -	MANAL	PYLON	STAMAN									
SCASIT	LENGTH 308												
	CALLED BY -	DERIV											
	IS USED BY -	MAIN	MANU										
	CALLS -	FORY	FORYD	MANAL	STAMAN								
SHKCTL	LENGTH 400												
	CALLED BY -	AZMUTH											
	IS USED BY -	AJACOB	ANAL	CONSTB	CONTRM	DERIV	FOCUS	INSTAB	ITRIM	ITROT	JACOBI	MAIN	MANU
		MBAL	ROTAN	STAB	TRIM	TVTRIM							
	CALLS -	ANDQIT	MANAL	STARAN									
SHKINT	LENGTH 536												
	CALLED BY -	RTINIT											
	IS USED BY -	MAIN	START										
	CALLS -	FLEX	INSTAR	MANAL	STARAN								
SHRPYL	LENGTH 230												
	CALLED BY -	DERIV	FOCUS										
	IS USED BY -	AJACOB	ANAL	CONSTB	CONTRM	DERIV	INSTAB	ITRIM	JACOBI	MAIN	MANU	ROTAN	STAB
		IRIM	TVTRIM										
	CALLS -	ANDQIT	MANAL	PYLON	STARAN								
SIVAR	LENGTH 896												

TABLE 7. CONTINUED.

SIVAR	CALLED BY -	MANTYP	RESTRT										
CONTINUED	IS USED BY -	MAIN	MANU	MNEM	START	TIMLP							
	CALLS -	INSTAR	MANAL	STAMAN	STARAN	STRIMA	TOPLOT						
SOLVE	LENGTH 448												
	CALLED BY -	HRIRFM	ITRIM	POPFDD	SUPERP								
	IS USED BY -	AJACOB	ANAL	CONSTB	CONTRM	DERIV	FOCUS	INSTAB	ITRIM	ITROT	JACOBI	MAIN	MANU
		MBAL	ROTAN	STAB	TRIM	TVTRIM	VARI						
STAB	LENGTH 890												
	CALLED BY -	CONSTR											
	IS USED BY -	MAIN											
	CALLS -	ANAL	MANAL	PYLACC	PYLON	STAMAN	STBD	STRIAB	STRIMA	SVAS	TOPLOT	VRDELF	VRPERT
		VNSTAB											
	USES -	ANDOIT	ATAB	ATABCD	ATABCL	ATABCM	AZMINT	AZMOUT	AZMUTH	BDPFDD	BUNDER	BUTFLT	CDCL
		CLCD	CMCALC	DIFFER	DOTX	FILTER	FLEX	FLTRCM	FOCUS	FORCMC	FORMA	FORMRJ	FORY
		FORYD	FOSBR	FOSBRJ	FPYLAC	FTAB	FTAB1	FUSFNM	GAFLGE	GPSHFT	GRPCNT	GRPFLT	GRPGRD
		GRPRTR	GRPSHP	HRESP	INIT	INSTAR	INTFRQ	ITROT	MANAL	MATRIX	MBAL	POPFDD	PYLACC
		PYLON	RADBGN	RADIAL	RADOUT	RGUST	ROTAN	RTAKE	RVRGST	SAVTMS	SMKCTL	SMRPYL	SOLVE
		STAMAN	STARAD	STARAN	STBD	STBFNM	STBJNT	STBVAK	STRIAB	STRIMA	SVSRAT	TAMINT	TOPLOT
		TVTRIM	UNSARO	UNSDER	UNSTED	VIND	VAG	VING	VNDXFM	VRFM	VSHDUF	XSTORE	
STAMAN	LENGTH 1CAB	THIS IS A 'COMMON' CONTROL SECTION											
	CALLED BY -	AJACOB	AZMINT	AZMUTH	BMSINT	BRTHFM	CGXARM	CGYARM	CGZARM	CNTM	DERIV	EXTORS	FUSACC
		FUSFNM	FUSINT	GAFLGE	GPSHFT	GRPCNT	GRPFLT	GRPGRD	GRPRTR	GRPSHP	GUST	INIT	INRD
		INSCAS	ITERIN	ITRIM	JFBGIN	JSTRED	LGCINT	LIZE	LOADT	MANU	MNEM	MODAL	MTLT
		NPUTOT	PUNCH	QUAN	RADIAL	READIN	RESTRT	RGUST	RTINIT	SAVTMS	SCASII	SIVAR	START
		STBFNM	STBZIN	SVAS	TILT	TIMEQO	TIMLP	TRIM	TVTRIM	VARI	VGUNS	VORGST	VING
		VRFM	VRMANU	VROPTM	VRTMNV	XCONIN	ZLLCAL						
	IS USED BY -	AFTRIM	AJACOB	ANAL	AZMUTH	CONSTB	CONTRM	DERIV	EXTORS	FLDRM	FOCUS	GUST	INIT
		INRU	INSTAB	ITRIM	ITROT	JACOBI	JFBGIN	MAIN	MANTYP	MANU	MBAL	MNEM	MODES
		MTLT	RADBGN	RADIAL	READIN	RLSTRT	ROTAN	RTINIT	STAB	START	TILT	TIMLP	TRIM
		TVTRIM	VARI	VRDELF	VRMANU	VRPERT	VRTRIM						
STAVAR	LENGTH ADD	THIS IS A 'COMMON' CONTROL SECTION											
	CALLED BY -	AIMINT	AZMINT	AZMOUT	AZMUTH	BDPFDD	BLMINT	BMSINT	CDCL	CMDINT	GRPSHP	HRESP	INVRSS
		INRU	INRTM	INSTAB	ITROT	JSTRED	LGCINT	LOADT	MODAL	MPCNTL	MPRTR	NPUTOT	RADBGN
		RADIAL	RADOUT	READIN	RESTRT	RGUST	RTINIT	RVRGST	START	STBFNM	TIMEQO	UNSDER	UNSTED
		VIND	VING	VROPTM	VRTRIM								
	IS USED BY -	AFTRIM	AJACOB	ANAL	AZMUTH	BLMINT	CONSTB	CONTRM	DERIV	FOCUS	INIT	INRU	INSTAB
		ITRIM	ITROT	JACOBI	MAIN	MANU	MBAL	MNEM	RADBGN	RADIAL	READIN	RGUST	ROTAN
		RTINIT	STAB	START	TIMEQO	TIMLP	TRIM	TVTRIM	UNSTED	VRTRIM			
STAVAR	LENGTH 1B46	THIS IS A 'COMMON' CONTROL SECTION											
	CALLED BY -	AFTRIM	AJACOB	ANAL	ATMINT	AZMINT	AZMOUT	AZMUTH	BLMINT	BMSINT	BUNDER	CDCL	CMDINT
		CLCD	CONSTB	CORR	DERIV	FOCUS	FUSFNM	FUSINT	GRPFLT	GRPRTR	GUST	HRESP	INRLD
		INRMSS	INIT	INRU	INRTM	INSTAB	INTFRQ	ITERIN	ITRIM	ITROT	JACOBI	JFBGIN	LGCINT
		LIZE	LOADT	MNEM	MODAL	MODFS	NPRTR	POPFDD	PRLTVT	PYLACC	PYLINT	QSHOPF	QUAN
		RADBGN	RADIAL	RADOUT	RESTRT	RGUST	ROTAN	RTINIT	SMKCTL	SMKINT	SMRPYL	SIVAR	STAB
		START	STUFNM	STBZIN	SVSRAT	TIMEQO	TRIM	TVTRIM	UNSDER	UNSTED	VIND	VORGST	VAG
		VING	VRINST	VRMNUX	VRMS	VROPTM	VRRNK	VRTRIM	VSHDUF	YFINIT	ZERO		
	IS USED BY -	AFTRIM	AJACOB	ALSTAB	ANAL	AZMUTH	BLMINT	CONSTB	CONTRM	DERIV	FOCUS	FUSFNM	GUST
		INIT	INRU	INSTAB	ITRIM	ITRUT	JACOBI	LIZE	MAIN	MANTYP	MANU	MBAL	MNEM
		MODAL	POPFDD	RADBGN	RADIAL	READIN	RESTRT	ROTAN	RTINIT	STAB	START	STBFNM	TIMEQO
		TIMLP	TRIM	TVTRIM	UNSTED	VARI	VING	VRTRIM					
START	LENGTH 930												
	CALLED BY -	MAIN											

TABLE 7. CONTINUED.

START	CALLS -	ATMINT	DATE	FOR#K	FOR#K1	FTAB	FTAB1	FUSINT	INSTAN	ITERIN	JF#GIN	LIZE	MANAL
CONTINUED		MNEM	PTBOUT	READIN	RTINIT	STAMAN	STARAD	STARAN	STBZIN	STRIAM	STRIMA	TABOUT	TUPLOT
		TRMINT	#RR#K	#RS#K	XCONIN	XSTINT	YFINIT	YRINIT	YSINIT				
	USES -	ANDUIT	ATAB	ATAMCD	ATABCL	ATABCM	BLMINT	#MSINT	CGXARM	CGYARM	CGZARM	CMDINT	CMMCMK
		FLEX	FLTRCM	FURCMC	FON#K	FON#K1	FURY	FURYD	FUS#K	FUS#K1	FSMINT	FTAM	FTAB1
		INBLO	IN#SS	INRO	INRTR	INSCAS	INSTAR	JSTRED	LGCINT	MANAL	MANIFP	MATRIX	MODAL
		NOPS	NONSET	NPUTOT	POSNED	PYLINT	PYLON	REDATB	REDBMS	REDCCL	REDFIN	NEDID	RCLA#A
		REDS#K	RESINT	SAVTMS	SMKINT	SIVAR	STAMAN	STARAD	STARAN	STBD	STB#CR	STRIAB	STRIMA
		SVINT	S#AS	TABFIX	TAMOUT	TILT	TIVAR	TOPLOT	UNSAMO	VIND	#KTA#N	#RCMNT	#RMODE
STMC	LENGTH 6508	THIS IS A *COMMON* CONTROL SECTION											
	CALLED BY -	ALLMAT	ALSTAB	CONSTB	FFORES	INFRMP	INSTAB	IONAT	LIZE	MDRDRS	MODES	NUMRTF	PHSMAG
		PUNCH	RESINT	STAB	S#AP	TIMEQ0	#RDELF	#RINST	#RMS	#RPERT	#NSTAB	#RTNSF	
	IS USED BY -	AFTRIM	ALSTAB	CONSTB	CONTRM	INSTAB	MAIN	MANU	MNEM	MODES	NUMRTF	PHSMAG	STAB
		START	TIMLP										
STUFNM	LENGTH CA8												
	CALLED BY -	ANAL											
	IS USED BY -	AJACUB	CONSTB	CONTRM	DERIV	INSTAB	ITRIM	JACUBI	MAIN	MANU	STAB	TRIM	
	CALLS -	ANDUIT	CLCD	FURY	FURYD	FUS#K	FUS#K1	INSTAR	MANAL	STAMAN	STARAD	STARAN	ST#MAK
		STRIMA	TOPLOT										
	USES -	ANDUIT	ATAB	ATAMCD	ATABCL	ATABCM	DOTX	FOR#K	FOR#K1	FOS#K	FOS#K1	MANAL	STARAN
		STBINT	STRIAB	TUPLOT									
STGINT	LENGTH 760												
	CALLED BY -	CDCL	CLCD										
	IS USED BY -	AJACUB	ANAL	AZMUTH	CONSTB	CONTRM	DERIV	FOCUS	INSTAB	ITRIM	ITNDT	JACOBI	MAIN
		MANU	MBAL	RADIAL	ROTAN	STAB	STAFNM	TRIM	TVTRIM	UNSTED	#ING		
	CALLS -	ANDUIT	ATAB	ATABCD	ATABCL	ATABCM							
STM#CK	LENGTH 5CA0	THIS IS A *COMMON* CONTROL SECTION											
	CALLED BY -	ALLMAT	ALSTAB	NUMRTF	PHSMAG	RESTRT	S#AP	TIMEQ0					
	IS USED BY -	AFTRIM	ALSTAB	CONSTB	CONTRM	MAIN	MANU	MNEM	NUMRTF	PHSMAG	START	TIMLP	
STM#AK	LENGTH 758												
	CALLED BY -	STUFNM	#ING										
	IS USED BY -	AJACUB	ANAL	CONSTB	CONTRM	DERIV	INSTAB	ITRIM	JACOBI	MAIN	MANU	STAB	TRIM
	CALLS -	DUTX	FOR#K	FOR#K1	FOS#K	FUS#K1	MANAL						
STBZIN	LENGTH 708												
	CALLED BY -	START											
	IS USED BY -	MAIN											
	CALLS -	FOS#K	FUS#K1	InSTAN	MANAL	STAMAN	STARAN	STRIAB	STRIMA				
STRIAM	LENGTH D50	THIS IS A *COMMON* CONTROL SECTION											
	CALLED BY -	AFINIM	AJACOB	ALSTAB	ANAL	CLCD	CONTRM	CORR	DAMPER	DERIV	FUSACC	GUST	INSTAB
		ITERIN	ITRIM	ITRUT	JACOBI	JF#GIN	LGCINT	LIZE	LOADT	MBAL	MDRDRS	MNEM	MODES
		PMETVT	READIN	RESTRT	RTINIT	STAB	START	STBZIN	TIMEQ0	TRIM	TRMINT	TVTRIM	VONGST
		#HUPTM	#MPERT	#RTRIM	#RVP	ZERO							
	IS USED BY -	AFTRIM	AJACUB	ANAL	CONSTB	CONTRM	DERIV	FOCUS	GUST	INSTAB	ITRIM	JACUBI	LIZE
		MAIN	MANU	MBAL	MNEM	MODES	READIN	ROTAN	STAB	START	STBFNM	TIMLP	TRIM
		TVTRIM	VARI	VING	#RTRIM								
STMIMA	LENGTH 1VE0	THIS IS A *COMMON* CONTROL SECTION											
	CALLED BY -	AFTMIM	AJACOB	ANAL	ATMINT	AUXJET	#MSINT	#RTRFM	CGXARM	CGYARM	CGZARM	CNTM	CONSTB
		CORR	DAMPER	DERIV	EXTORS	FLDRM	FLPSTP	FLRINT	FOCUS	FUSACC	FUSINT	GMPCMT	GMPLT
		GRPGRD	GRPSMP	GUST	INMO	INRTR	INSCAS	INSTAU	ITERIN	ITRIM	ITNUT	JACUBI	JF#GIN

TABLE 7. CONTINUED.

STRIMA CONTINUED	CALLED BY	JSTALD	LIZE	MANTYP	MANU	MUMDRS	MMEM	MODES	MUMB	MPCNTL	MTLT	MPUTOT	PRETVT
		PUNCH	QUAN	RADIAL	READIN	RESTRT	RGUST	RTINIT	RVRGST	SIVAR	STAB	START	STBFNM
		STRAIN	SUPERP	SWAS	TILT	TIMEQQ	TIMLP	TIVAR	TRIM	TVTRIM	VARI	VGUNS	VORGST
		VSCAS	WING	WRFA	WRINST	WRMANU	WRUPTM	WRTMNV	WRTRIM	WRVP	WSMOOF	XCONIN	XSTINT
		XSTORE	ZERO	ZLLCAL									
	IS USED BY -	AFTRIM	AJACOB	ANAL	AZMUTH	CONSTB	CONTRM	DERIV	EXTORS	FLORM	FOCUS	FUSFNM	GUST
		INIT	INRU	INSTAB	ITRIM	ITROT	JACOBI	JFBGIN	LIZE	MAIN	MANTYP	MANU	MBAL
		MMEM	MODES	MTLT	RADBGN	RADIAL	READIN	RESTRT	RGUST	ROTAN	RTINIT	STAB	START
		TILT	TIMEQQ	TIMLP	TRIM	TVTRIM	VARI	WRUSLF	WRMANU	WRPERT	WRTRIM		
SUMERP	LENGTH 650												
	CALLED BY - VARI												
	IS USED BY - DERIV	MAIN	MANU										
	CALLS - MANAL	SOLVE	STRIMA	TOMLOT									
SVINT	LENGTH 1C8												
	CALLED BY - LIZE												
	IS USED BY - MAIN	START											
	CALLS - FURY	FURYD											
SWAP	LENGTH 2238												
	CALLED BY - NUMRTF												
	IS USED BY - ALSTAB	CONSTB	MAIN										
	CALLS - INVERS	STBD	STRMCK										
SWAS	LENGTH 5A0												
	CALLED BY - AJACOB	INSTAB	MMEM	STAB	VARI								
	IS USED BY - CONSTB	CONTRM	DERIV	INSTAB	ITRIM	JACOBI	MAIN	MANU	START	TRIM			
	CALLS - MANAL	STAMAN	STRIMA										
SWSMAT	LENGTH 6H0												
	CALLED BY - DERIV	FOCUS	ITMOT										
	IS USED BY - AJACOB	ANAL	CONSTB	CONTRM	DERIV	FOCUS	INSTAB	ITRIM	JACOBI	MAIN	MANU	MBAL	
	AUTAN	STAB	TRIM	TVTRIM									
	CALLS - ANDOIT	FORWR	FORWRI	INSTAN	MANAL	MATRIX	PYLON	STARAN					
TABFIX	LENGTH 408												
	CALLED BY - PIBOUT												
	IS USED BY - MAIN	START											
TABINT	LENGTH 3F0												
	CALLED BY - FUSFNM												
	IS USED BY - AJACOB	ANAL	CONSTM	CONTRM	DERIV	INSTAB	ITRIM	JACOBI	MAIN	MANU	STAB	TRIM	
TABOUT	LENGTH 268												
	CALLED BY - PTBOUT	START											
	IS USED BY - MAIN	START											
TILT	LENGTH 4H0												
	CALLED BY - FLORM	MMEM	MTLT	VARI									
	IS USED BY - DERIV	MAIN	MANU	START	VARI								
	CALLS - CGXARM	CGYARM	CGZARM	MANAL	STAMAN	STRIMA	ZLLCAL						
	USES - INSTAB	MANAL	STAMAN	STRIMA									
TIMEQQ	LENGTH CC8												
	CALLED BY - AFTRIM	MANU											
	IS USED BY - CONTRM	MAIN											
	CALLS - ANDOIT	FLLX	FLTHCM	FORWR	FURY	FORYD	FOSWK	INSTAB	MANAL	MPCNTL	MPRTN	NORSET	

TABLE 7. CONTINUED.

TIMEQQ	CALLS -	PYLON	STAMAN	STARAD	STARAN	STBD	STBMCK	STRIAB	STRIMA	TOPLOT	UNSARQ		
CONTINUED	USES -	FORY	MANAL	PYLON	STARAD	STARAN	STRIMA						
TIMLP	LENGTH 550												
	CALLED BY -	MANU											
	IS USED BY -	MAIN											
	CALLS -	FORY	FORYD	INIT	MANAL	RESTRT	STAMAN	STRIMA	TOPLOT	#RMANU			
	USES -	ANDOIT	ATAB	ATABCD	ATABCL	ATABCM	DATE	FLEX	FLTRCM	FORCMC	FORBA	FORBK1	FORY
		FORYD	FOS#K	FOS#K1	FPYLAC	FTAB	FTAB1	GPFLGE	GPSHFT	GRPCNT	GRPFLT	GRPGRD	GRPRTR
		GRPSHP	INSTAR	MANAL	MATRIX	NURSET	PYLON	SAVTMS	SIVAR	STAMAN	STARAD	STARAN	STBD
		STBMCK	STRIAB	STRIMA	TIVAR	TOPLOT	UNSARQ	#NDXFM	#RFM	#RTMNV			
TIVAR	LENGTH 288												
	CALLED BY -	AFTRIM	RESTRT										
	IS USED BY -	CONTRM	MAIN	MANU	MNEM	START	TIMLP						
	CALLS -	MANAL	STRIMA	TOPLOT									
TOPLOT	LENGTH 118	THIS IS A 'COMMON' CONTROL SECTION											
	CALLED BY -	AFTRIM	AJACOB	ALSTAB	ANAL	ATMINT	AZMOUT	AZMUTH	BLMINT	BRTRFM	CMDINT	CLCD	CONSTB
		CONTRM	DERIV	FRRCMK	FXTORS	FOCUS	FUSACC	INBMSS	INIT	INRO	INSTAB	ITRIM	ITROT
		JACOBI	JFBGIN	LIZE	MAIN	MANTYP	MANU	MBAL	MNEM	PRETVT	PUNCH	RADIAL	RADOUT
		READIN	REDM#K	REDS#K	RESTRT	ROTAN	RTINIT	SIVAR	STAB	START	STB#NM	SUPLHP	TIMEQQ
		TIMLP	TIVAR	TRIM	TVTRIM	UNSTED	VARI	#ING	#RCMMT	#RMANU	#RN#K	#RTRIM	XCONIN
	IS USED BY -	AFTRIM	AJACOB	ANAL	AZMUTH	BLMINT	CONSTB	CONTRM	DERIV	FOCUS	INRO	INSTAB	ITRIM
		ITROT	JACOBI	JSTMCD	MAIN	MANTYP	MANU	MBAL	MNEM	MODES	RADIAL	READIN	RESTRT
		ROTAN	RTINIT	STAB	START	STBFNM	TIMLP	TRIM	TVTRIM	VARI	#ING	#ROPTM	#RTMIN
TRIM	LENGTH 698												
	CALLED BY -	CONTRM											
	IS USED BY -	MAIN											
	CALLS -	DAMPLM	FORY	FORYD	INSTAR	ITRIM	MANAL	PRETVT	ROTAN	STAMAN	STARAN	STRIAB	STRIMA
		TOPLOT	#RTMIN										
	USES -	AJACOB	ANAL	ANDOIT	ATAB	ATABCD	ATABCL	ATABCM	AZMINT	AZMOUT	AZMUTH	BDPFDD	BUMDLM
		BUTFLT	CDCL	CLCD	CMCALC	CUMR	DAMPLM	DATE	DIFFLM	DOTX	FILTER	FLEX	FLTRCM
		FOCUS	FORCMC	FOR#K	FOR#K1	FORY	FORYD	FOS#K	FOS#K1	FPYLAC	FTAB	FTAB1	FUS#NM
		GPFLGE	GPSHFT	GRPCNT	GRPFLT	GRPGRD	GRPRTR	GRPSHP	HRESP	INIT	INSTAR	INTFRQ	IMUT
		JACOBI	MANAL	MATRIX	MBAL	NUPS	PDPFDD	POZERO	PYLACC	PYLON	RAIA#M	RADIAL	RADOUT
		RGUST	ROTAN	RT#AKE	RVRGST	SAVTMS	SHRCTL	SHRPYL	SOLVE	STAMAN	STARAD	STAHAN	STBFNM
		STBINT	STB#AK	STRIAB	STRIMA	SWAS	SWSRAT	TABINT	TOPLOT	TVTRIM	UNSARQ	UNSOLR	UNSTED
		VIND	#AG	#ING	#NDXFM	#RCMMT	#RFM	#ROSOP	#RTMNV	#NVP	#SMDUF	XSTUNL	ZLLCAL
TRMINT	LENGTH 978												
	CALLED BY -	START											
	IS USED BY -	MAIN											
	CALLS -	INSTAR	STRIAB										
TVTRIM	LENGTH 1AC0												
	CALLED BY -	ROTAN											
	IS USED BY -	AJACOB	ANAL	CONSTB	CONTRM	DERIV	INSTAB	ITRIM	JACOBI	MAIN	MANU	STAB	TRIM
	CALLS -	ANDOIT	BUTFLT	FILTER	FLEX	FOCUS	FORY	FORYD	INIT	INSTAR	MANAL	PYLON	SAVTMS
		STAMAN	STARAN	STRIAH	STRIMA	TOPLOT							
	USES -	ANDOIT	ATAH	ATABCD	ATABCL	ATABCM	AZMINT	AZMOUT	AZMUTH	BDPFDD	BUMDLM	CDCL	CMLALC
		DIFFLM	DOTX	FILTER	FLEX	FLTRCM	FORCMC	FOR#K	FOS#K1	FORY	FORYD	FPYLAC	GPFLGE
		GPSHFT	GRPCNT	GRPFLT	GRPGRD	GRPRTR	GRPSHP	HRESP	INSTAR	INTFRQ	ITROT	MANAL	MATRIX
		MBAL	PDPFDD	PYLACC	PYLON	RADMGN	RADIAL	RADOUT	RGUST	RT#AKE	RVRGST	SAVTMS	SHRCTL
		SHRPYL	SOLVE	STAMAN	STARAD	STARAN	STBINT	STRIAB	STRIMA	SWSRAT	TOPLOT	UNSARQ	UNSOLR
		UNSTED	VIND										

TABLE 7. CONTINUED.

UNSARO	LENGTH 64A0	THIS IS A 'COMMON' CONTROL SECTION											
	CALLED BY -	BUNDER	RADIAL	RESTRT	TIMEQQ	UNSDER	ZERO						
	IS USED BY -	AFTRIM	AJACOB	ANAL	AZMUTH	CONSTB	CONTRM	DERIV	FOCUS	INSTAB	ITRIM	ITROT	JACOBI
		LIZE	MAIN	MANU	MBAL	MNEM	RADIAL	ROTAN	STAB	START	TIMLP	TRIM	TVTRIM
UNSDER	LENGTH 580												
	CALLED BY -	RADIAL											
	IS USED BY -	AJACOB	ANAL	AZMUTH	CONSTB	CONTRM	DERIV	FOCUS	INSTAB	ITRIM	ITROT	JACOBI	MAIN
		MANU	MBAL	ROTAN	STAB	TRIM	TVTRIM						
	CALLS -	ANDOIT	DIFFEN	FORVK	FORVK1	MANAL	STARAD	STARAN	UNSARO				
UNSTED	LENGTH 8A0												
	CALLED BY -	RADIAL											
	IS USED BY -	AJACOB	ANAL	AZMUTH	CONSTB	CONTRM	DERIV	FOCUS	INSTAB	ITRIM	ITROT	JACOBI	MAIN
		MANU	MBAL	ROTAN	STAB	TRIM	TVTRIM						
	CALLS -	ANDOIT	CDCL	INSTAR	MANAL	STARAD	STARAN	TOPLOT					
	USES -	ANDOIT	ATAB	ATABCD	ATABCL	ATABCR	MANAL	STARAD	STARAN	STBINT			
VARI	LENGTH C36												
	CALLED BY -	DERIV											
	IS USED BY -	MAIN	MANU										
	CALLS -	AUXJET	WRTRFM	CNTN	EXTORS	FLDRM	FLPSTP	FORV	FORVD	GUST	INSTAR	MANAL	MOMB
		MTLT	STAMAN	STRIMA	SUPERP	SWAS	TILT	TOPLOT	VGUNS	VSCAS	VTFFA	ZLLCAL	
	USES -	CGXARM	CGYARM	CGZARM	FORV	FORVD	INSTAR	MANAL	MATRIX	MOPS	SOLVE	STAMAN	STARAN
		STRIAB	STRIMA	TILT	TOPLOT	VORGST	ZLLCAL						
VGUNS	LENGTH 1F0												
	CALLED BY -	VARI											
	IS USED BY -	DERIV	MAIN	MANU									
	CALLS -	MANAL	STAMAN	STRIMA									
VIND	LENGTH 538												
	CALLED BY -	ITROT	MNEM										
	IS USED BY -	AJACOB	ANAL	CONSTB	CONTRM	DERIV	FOCUS	INSTAB	ITRIM	JACOBI	MAIN	MANU	MBAL
		ROTAN	STAB	START	TRIM	TVTRIM							
	CALLS -	MANAL	STARAD	STARAN									
VORGST	LENGTH 6F0												
	CALLED BY -	GUST											
	IS USED BY -	DERIV	MAIN	MANU	VARI								
	CALLS -	MANAL	STAMAN	STARAN	STRIAB	STRIMA							
VSCAS	LENGTH 1F8												
	CALLED BY -	VARI											
	IS USED BY -	DERIV	MAIN	MANU									
	CALLS -	FORV	FORVD	STRIMA									
VTFFA	LENGTH 190												
	CALLED BY -	VARI											
	IS USED BY -	DERIV	MAIN	MANU									
	CALLS -	MANAL											
WAG	LENGTH 6E0												
	CALLED BY -	WING											
	IS USED BY -	AJACOB	ANAL	CONSTB	CONTRM	DERIV	INSTAB	ITRIM	JACOBI	MAIN	MANU	STAB	TRIM
	CALLS -	STARAN											
WING	LENGTH 688												

TABLE 7. CONTINUED.

WING CONTINUED	CALLED BY - AMAL IS USED BY - AJACOB CALLS - ANDQIT USES - ANDQIT STWINT	CONSTB CLCD ATAB STRIAB	CONTRM FOSWK ATABCD TOPLOT	DERIV FOSWK1 ATABCL	INSTAB MAMAL ATABCM	ITRIM STAMAN DOTX	JACOBI STARAD FORWK	MAIN STARAN FORWK1	MANU STWWK FOSWK	STAB STRIMA FOSWK1	TRIM TOPLOT MANAL	PAG STAMAN
WKTABN	LENGTH 480 CALLED BY - WRRWK IS USED BY - MAIN	START										
WNDXFM	LENGTH 230 CALLED BY - WRFM IS USED BY - AFTRIM WRDELF	WROPTN AJACOB WRMANU	CONSTB WRPERT	CONTRM WRTRIM	INSTAB	ITRIM	JACOBI	MAIN	MANU	STAB	TIMLP	TRIM
WRBMTV	LENGTH A28 CALLED BY - LOADT IS USED BY - CONTRM CALLS - BLOADS	MAIN MARN										
WRCMNT	LENGTH 168 CALLED BY - READIN IS USED BY - AFTRIM CALLS - TOPLOT	WROPTN CONTRM	WRTRIM MAIN	START	TRIM							
WRDELF	LENGTH 1C8 CALLED BY - STAB IS USED BY - CONSTB CALLS - MANAL USES - INSTAR	MAIN STBD MANAL	WRFM MATRIX	STAMAN	STRIMA	WNDXFM						
WRFM	LENGTH 1060 CALLED BY - AJACOB IS USED BY - CONSTB CALLS - INSTAR	WRDELF CONTRM MANAL	WRMANU INSTAB MATRIX	WRPERT ITRIM STAMAN	WRTRIM JACOBI STRIMA	MAIN WNDXFM	MANU	STAB	TIMLP	TRIM		
WRINST	LENGTH 730 CALLED BY - INSTAB IS USED BY - CONSTB CALLS - FORY	MAIN FORYD	MANAL	STAMAN	STBD	STRIMA						
WRMANU	LENGTH E48 CALLED BY - TIMLP IS USED BY - MAIN CALLS - DATE USES - INSTAR	MANU FORY MANAL	FORYD MATRIX	MANAL STAMAN	PYLON STRIMA	STAMAN WNDXFM	STRIMA	TOPLOT	WRFM	WKTABN		
WRMODE	LENGTH 758 CALLED BY - MODAL IS USED BY - INRU CALLS - FLEX	MAIN INSTAR	RTINIT MANAL	START STARAN								
WRMS	LENGTH 700 CALLED BY - ALSTAB IS USED BY - CONSTB CALLS - STARAN	MAIN STBD										
WROPTN	LENGTH 1470											

TABLE 7. CONTINUED.

#ROPTM	CALLED BY - AFTRIM												
CONTINUED	IS USED BY - CONTRM	MAIN											
	CALLS - ANDOIT	FLEX	INSTAR	MANAL	MATRIX	PYLON	STAMAN	STARAD	STARAN	STRIAB	STRIMA	#NDXFM	
	#RCMMT												
	USES - TOPLOT												
#RPERT	LENGTH 5E8												
	CALLED BY - STAB												
	IS USED BY - CONSTB	MAIN											
	CALLS - MANAL	PYLON	STBD	STRIAB	#HFM								
	USES - INSTAR	MANAL	MATRIX	STAMAN	STRIMA	#NDXFM							
#RUSOP	LENGTH 290												
	CALLED BY - AJACOB	#RTRIM											
	IS USED BY - CONSTB	CONTRM	INSTAB	ITRIM	JACOBI	MAIN	TRIM						
#RR#K	LENGTH E40												
	CALLED BY - START												
	IS USED BY - MAIN												
	CALLS - FOR#K	FOR#K1	INSTAR	MANAL	STARAN	TOPLOT	#KTABN						
#RSHTV	LENGTH 6B0												
	CALLED BY - LOADT												
	IS USED BY - CONTRM	MAIN											
	CALLS - BLOADS												
#KSTAB	LENGTH 9E0												
	CALLED BY - STAB												
	IS USED BY - CONSTB	MAIN											
	CALLS - PYLON	STBD											
#RS#K	LENGTH 688												
	CALLED BY - START												
	IS USED BY - MAIN												
	CALLS - FOS#K	FOS#K1	INSTAR										
#RTMNV	LENGTH 13B0												
	CALLED BY - #RMANU	#RTRIM											
	IS USED BY - CONTRM	MAIN	MANU	TIMLP	TRIM								
	CALLS - MANAL	STAMAN	STRIMA										
#RTNSF	LENGTH 600												
	CALLED BY - ALSTAB	NUMRTF											
	IS USED BY - ALSTAB	CONSTB	MAIN										
	CALLS - ASTAB	STBD											
#RTRIM	LENGTH 5E0												
	CALLED BY - TRIM												
	IS USED BY - CONTRM	MAIN											
	CALLS - DATE	FPYLAC	GAFLGE	GPSHFT	GRPCNT	GRPFLT	GRPGRD	GRPHTR	GRPSHP	MANAL	STAHAD	STARAN	
	STRIAB	STRIMA	TOPLOT	#RCMMT	#HFM	#RQSOP	#RTMNV	#RVP					
	USES - ANDOIT	FLEX	FORV	FORVD	INSTAR	MANAL	MATRIX	PYLON	STAMAN	STARAD	STAHAN	STRIAB	
	STRIMA	TOPLOT	#NDXFM										
#RVP	LENGTH 6C0												
	CALLED BY - AJACOB	ITRIM	#RTRIM										
	IS USED BY - CONSTB	CONTRM	INSTAB	ITRIM	JACOBI	MAIN	TRIM						
	CALLS - MANAL	STRIAB	STRIMA										

TABLE 7. CONCLUDED.

```
VSHDUF    LENGTH    250
          CALLED BY   - FUSFNM
          IS USED BY  - AJACOB   ANAL     CONSTB   CONTRM   DERIV    INSTAB   ITRIM    JACOBI   MAIN     MANU     STAB     TRIM
                CALLS - STARAN   STRIMA

XCONIN    LENGTH    798
          CALLED BY   - START
          IS USED BY  - MAIN
                CALLS - INSTAR   MANAL    STARAN   STRIMA   TOPLOT

XSTINT    LENGTH    208
          CALLED BY   - START
          IS USED BY  - MAIN
                CALLS - INSTAR   STRIMA

XSTORE    LENGTH    538
          CALLED BY   - ANAL
          IS USED BY  - AJACOB   CONSTB   CONTRM   DERIV    INSTAB   ITRIM    JACOBI   MAIN     MANU     STAB     TRIM
                CALLS - MANAL    STRIMA

YFINIT    LENGTH    810
          CALLED BY   - START
          IS USED BY  - MAIN
                CALLS - INSTAR   MANAL    STARAN

YRINIT    LENGTH    810
          CALLED BY   - START
          IS USED BY  - MAIN

YSINIT    LENGTH    798
          CALLED BY   - START
          IS USED BY  - MAIN

ZERO      LENGTH    7A8
          CALLED BY   - LIZE
          IS USED BY  - MAIN     START
                CALLS - FLEX     FORWK    FORWK1   FORY     FORYD    MANAL    PYLON    STARAN   STRIAB   STRIMA   UNSARO

ZLLCAL    LENGTH    318
          CALLED BY   - AJACOB   INSTAB   TILT     VARI
          IS USED BY  - CONSTB   CONTRM   DERIV    FLORM    INSTAB   ITRIM    JACOBI   MAIN     MANU     MMEM     RTLT     START
                        TRIM     VARI
                CALLS - MANAL    STARAN   STRIMA

 END OF CONTROL SECTION CROSS-REFERENCE LIST
```

TABLE 8. CONTROL SECTION CROSS-REFERENCE FOR GDAP80.

$PLOT	LENGTH 20	THIS IS A 'COMMON' CONTROL SECTION											
	CALLED BY -	PLOT	PLOTS	SYMBOL									
	IS USED BY -	AXIS	CALC81	CONPLT	FACTOR	FSFT	LINE	MAIN	NUMBER	P_OTER	PRONY	SCALIT	SYMBOL
		WHERE											
$PRIV001	LENGTH 38												
$PRIV002	LENGTH 90												
$WRITE	LENGTH 288												
	CALLED BY -	AXIS	BUFF	SYMBOL									
	IS USED BY -	AXIS	CALC81	CONPLT	FACTOR	FSFT	LINE	MAIN	NUMBER	P_OT	PLOTER	PLOTS	PRONY
		SCALIT	SYMBOL	WHERE									
	CALLS -	NEXTTIME											
ALLMAT	LENGTH 1400												
	CALLED BY -	EXPON											
	IS USED BY -	CONPLT	MAIN	PRONY									
	CALLS -	YMGRP											
AXIS	LENGTH 818												
	CALLED BY -	PLOTER											
	IS USED BY -	CONPLT	FSFT	MAIN									
	CALLS -	$WRITE	NUMBER	PLOT	SYMBOL								
	USES -	$PLOT	$WRITE	BUFF	NEXTTIME	PLOT	SYMBOL						
BUFF	LENGTH 728												
	CALLED BY -	PLOT	PLOTS	SYMBOL									
	IS USED BY -	AXIS	CALC81	CONPLT	FACTOR	FSFT	LINE	MAIN	NUMBER	P_OTER	PRONY	SCALIT	SYMBOL
		WHERE											
	CALLS -	$WRITE											
	USES -	NEXTTIME											
CALC81	LENGTH 898												
	CALLED BY -	SCALIT											
	IS USED BY -	CONPLT	MAIN	PRONY									
	CALLS -	HEDING	INPLOT	LINE	NUMBER	PLOT	SYMBOL	THS1	WRKCOM				
	USES -	$PLOT	$WRITE	BUFF	NEXTTIME	PLOT	PLOTD	PLOTD1	PLOTD2	SYMBOL	TOPLOT	WHERE	
CNTPLT	LENGTH 450												
	CALLED BY -	CONTUR											
	IS USED BY -	CONPLT	MAIN										
	CALLS -	RANGE											
CONPLT	LENGTH 298												
	CALLED BY -	MAIN											
	CALLS -	CONTUR	CURVET	C81L	DTFMAP	FSFT	MOVBLK	PLOTS	PRONY	SCALIT	TOPLOT		
	USES -	$PLOT	$WRITE	ALLMAT	AXIS	BUFF	CALC81	CNTPLT	DECODE	D_LSQ	DTFCOM	DTFDTA	DTFITM
		DTFKTR	DTFNFD	DTFNST	EXPON	HARN	HEADS	HEDING	INPLOT	JJLIAN	LMEAD	LINE	MAXMIN
		NEXTTIME	NUMBER	PLOT	PLOTD	PLOTD1	PLOTD2	PLOTER	PLOTS	PPLOT	PROVAL	RANGE	SCALE#
		SCALIT	SCLFIX	SYMBOL	THS1	THS2	TIMOD	TIMPTS	TOPLOT	VSRTPM	WHERE	WRKCOM	WNOTI
		YMGRP											
CONTUR	LENGTH 80E0												
	CALLED BY -	CONPLT											
	IS USED BY -	MAIN											
	CALLS -	CNTPLT	HEADS	THS1	THS2	TOPLOT							
	USES -	LMEAD	RANGE										

TABLE 8. CONTINUED.

```
CURVET    LENGTH    1098
          CALLED BY   - CONPLT
          IS USED BY  - MAIN
               CALLS  - HEDING   THS1     THS2     TIMPTS   TOPLOT   WRDTI
               USES   - PLOTD    PLOTD1   PLOTD2   THS1     TOPLOT

CBIL      LENGTH    4F0
          CALLED BY   - CONPLT
          IS USED BY  - MAIN
               CALLS  - THS1     THS2     TOPLOT

DATE      LENGTH    1F0
          CALLED BY   - MAIN

DECODE    LENGTH    1C8
          CALLED BY   - DTFITN
          IS USED BY  - CONPLT   DTFMAP   MAIN

DLLSQ     LENGTH    9C8
          CALLED BY   - EXPON
          IS USED BY  - CONPLT   MAIN     PRONY

DTFCOM    LENGTH    868     THIS IS A 'COMMON' CONTROL SECTION
          CALLED BY   - DTFMAP   MAIN
          IS USED BY  - CONPLT   MAIN

DTFDTA    LENGTH    1350
          CALLED BY   - DTFMAP
          IS USED BY  - CONPLT   MAIN
               CALLS  - THS1     THS2

DTFITN    LENGTH    19F0
          CALLED BY   - DTFMAP
          IS USED BY  - CONPLT   MAIN
               CALLS  - DECODE   HEDING   THS1     THS2
               USES   - PLOTD    PLOTD1   PLOTD2   TOPLOT

DTFKTR    LENGTH    12C0
          CALLED BY   - DTFMAP
          IS USED BY  - CONPLT   MAIN

DTFMAP    LENGTH    548
          CALLED BY   - CONPLT
          IS USED BY  - MAIN
               CALLS  - DTFCOM   DTFDTA   DTFITN   DTFKTR   DTFNFO   DTFNST   JULIAN   TIMDD    WRDTI
               USES   - DECODE   HEDING   PLOTD    PLOTD1   PLOTD2   THS1     THS2     TOPLOT

DTFNFO    LENGTH    1540
          CALLED BY   - DTFMAP
          IS USED BY  - CONPLT   MAIN
               CALLS  - THS1     THS2

DTFNST    LENGTH    1308
          CALLED BY   - DTFMAP
          IS USED BY  - CONPLT   MAIN

EXPON     LENGTH    2428
          CALLED BY   - PRONY
```

TABLE 8. CONTINUED.

EXPON	IS USED BY -	CONPLT	MAIN										
CONTINUED	CALLS -	ALLMAT	DLLSQ	VSRTPM	YNORP								
	USES -	YNORP											
FACTOR	LENGTH	F0											
	CALLS -	PLOT											
	USES -	SPLOT	SWRITE	BUFF	NEXTTIME								
FSFT	LENGTH	F578											
	CALLED BY -	CONPLT											
	IS USED BY -	MAIN											
	CALLS -	HARM	HEDING	PLOTER	THS1	THS2	TOPLOT	WRKCOM					
	USES -	SPLOT	SWRITE	AXIS	BUFF	LINE	NEXTTIME	NUMBER	PLOT	PLOTD	PLOTD1	PLOTD2	SCALE#
		SYMBOL	TOPLOT	WHERE									
HARM	LENGTH	350											
	CALLED BY -	FSFT											
	IS USED BY -	CONPLT	MAIN										
HEADS	LENGTH	218											
	CALLED BY -	CONTUR											
	IS USED BY -	CONPLT	MAIN										
	CALLS -	LHEAD											
HEDING	LENGTH	1240											
	CALLED BY -	CALC81	CURVET	DTFITM	FSFT	MOVBLK	PPLOT	PRONY					
	IS USED BY -	CONPLT	DTFMAP	MAIN	PRONY	SCALIT							
	CALLS -	PLOTD	PLOTD1	PLOTD2	TOPLOT								
INPLOT	LENGTH	13AE8	THIS IS A 'COMMON' CONTROL SECTION										
	CALLED BY -	CALC81	PPLOT	SCALIT	SCLFIX								
	IS USED BY -	CONPLT	MAIN	PRONY	SCALIT								
JULIAN	LENGTH	50											
	CALLED BY -	DTFMAP											
	IS USED BY -	CONPLT	MAIN										
LHEAD	LENGTH	3E8	THIS IS A 'COMMON' CONTROL SECTION										
	CALLED BY -	HEADS											
	IS USED BY -	CONPLT	CONTUR	MAIN									
LINE	LENGTH	468											
	CALLED BY -	CALC81	PLOTER										
	IS USED BY -	CONPLT	FSFT	MAIN	PRONY	SCALIT							
	CALLS -	PLOT	SYMBOL	WHERE									
	USES -	SPLOT	SWRITE	BUFF	NEXTTIME	PLOT							
MAIN	LENGTH	7F8											
	CALLS -	CONPLT	DATE	DTFCON	MAXMIN	PLOT	THS1	THS2	TOPLOT				
	USES -	SPLOT	SWRITE	ALLMAT	AXIS	BUFF	CALC81	CNTPLT	CONTUR	CURVET	C81L	DECODE	DLLSQ
		DTFCOM	DTFDTA	DTFITM	DTFKTR	DTFMAP	DTFNFO	DTFNST	EXPON	FSFT	HARM	HEADS	HEDING
		INPLOT	JULIAN	LHEAD	LINE	MAXMIN	MOVBLK	NEXTTIME	NUMBER	PLOT	PLOTD	PLOTD1	PLOTJ2
		PLOTER	PLOTS	PPLOT	PRONY	PROVAL	RANGE	SCALE#	SCALIT	SCLFIX	SYMBOL	THS1	THS2
		TIMOD	TIMPTS	TOPLOT	VSRTPM	WHERE	WRKCOM	WROT1	YNORP				
MAXMIN	LENGTH	5200	THIS IS A 'COMMON' CONTROL SECTION										
	CALLED BY -	MAIN	SCLFIX										
	IS USED BY -	CONPLT	MAIN	PRONY	SCALIT								

TABLE 8. CONTINUED.

MOVBLK	LENGTH EA8												
	CALLED BY - CONPLT												
	IS USED BY - MAIN												
	CALLS - HEDING	THS1	THS2	TOPLOT	WRKCOM	WROT1							
	USES - PLOTD	PLOTD1	PLOTD2	THS1	TOPLOT								
NEXTTIME	LENGTH 8												
	CALLED BY - $WRITE												
	IS USED BY - AXIS	BUFF	CALC81	CONPLT	FACTOR	FSFT	LINE	MAIN	NUMBER	PLOT	PLOTER	PLOTS	
	PRONY	SCALIT	SYMBOL	WHERE									
NUMBER	LENGTH 170												
	CALLED BY - AXIS	CALC81	PLOTER										
	IS USED BY - CONPLT	FSFT	MAIN	PLOTER	PRONY	SCALIT							
	CALLS - SYMBOL												
	USES - $PLOT	$WRITE	BUFF	NEXTTIME	PLOT								
PLOT	LENGTH A58												
	CALLED BY - AXIS	CALC81	FACTOR	LINE	MAIN	PLOTER	SYMBOL	WHERE					
	IS USED BY - AXIS	CALC81	CONPLT	FSFT	LINE	MAIN	NUMBER	PLOTER	PRONY	SCALIT			
	CALLS - $PLOT	BUFF											
	USES - $WRITE	NEXTTIME											
PLOTD	LENGTH 2A40 THIS IS A *COMMON* CONTROL SECTION												
	CALLED BY - HEDING												
	IS USED BY - CALC81	CONPLT	CURVET	DTFITM	DTFMAP	FSFT	MAIN	MOVBLK	PPLOT	PRONY	SCALIT		
PLOTD1	LENGTH 19C0 THIS IS A *COMMON* CONTROL SECTION												
	CALLED BY - HEDING												
	IS USED BY - CALC81	CONPLT	CURVET	DTFITM	DTFMAP	FSFT	MAIN	MOVBLK	PPLOT	PRONY	SCALIT		
PLOTD2	LENGTH 640 THIS IS A *COMMON* CONTROL SECTION												
	CALLED BY - HEDING												
	IS USED BY - CALC81	CONPLT	CURVET	DTFITM	DTFMAP	FSFT	MAIN	MOVBLK	PPLOT	PRONY	SCALIT		
PLOTER	LENGTH 458												
	CALLED BY - FSFT												
	IS USED BY - CONPLT	MAIN											
	CALLS - AXIS	LINE	NUMBER	PLOT	SCALE#	SYMBOL							
	USES - $PLOT	$WRITE	BUFF	NEXTTIME	NUMBER	PLOT	SYMBOL	WHERE					
PLOTS	LENGTH 220												
	CALLED BY - CONPLT	SCALIT											
	IS USED BY - CONPLT	MAIN	PRONY										
	CALLS - $PLOT	BUFF											
	USES - $WRITE	NEXTTIME											
PPLOT	LENGTH 800												
	CALLED BY - SCALIT												
	IS USED BY - CONPLT	MAIN	PRONY										
	CALLS - HEDING	INPLOT	TOPLOT	WROT1									
	USES - PLOTD	PLOTD1	PLOTD2	THS1	TOPLOT								
PRONY	LENGTH F10												
	CALLED BY - CONPLT												
	IS USED BY - MAIN												
	CALLS - EXPON	HEDING	PROVAL	SCALIT	THS1	THS2	TIMPTS	TOPLOT	WROT1				
	USES - $PLOT	$WRITE	ALLMAT	BUFF	CALC81	DLLSQ	HEDING	INPLOT	LINE	MAXMIN	NEXTTIME	NUMBER	

TABLE 8. CONTINUED.

PRONY CONTINUED	USES	PLOT VSRTPM	PLOTD WHERE	PLOTD1 WRKCOM	PLOTD2 WROT1	PLOTS YNORP	PPLOT	SCLFIX	SYMBOL	THS1	THS2	TIMPTS	TOPLOT
PROVAL	LENGTH 408												
	CALLED BY -	PRONY											
	IS USED BY -	CONPLT	MAIN										
RANGE	LENGTH 5C38												
	CALLED BY -	CNTPLT											
	IS USED BY -	CONPLT	CONTUR	MAIN									
SCALE#	LENGTH 510												
	CALLED BY -	PLOTER											
	IS USED BY -	CONPLT	FSFT	MAIN									
SCALIT	LENGTH 868												
	CALLED BY -	CONPLT	PRONY										
	IS USED BY -	CONPLT	MAIN										
	CALLS -	CALC81	INPLOT	PLOTS	PPLOT	SCLFIX	THS1	THS2	TIMPTS	TOPLOT	WRKCOM		
	USES -	$PLOT	$WRITE	BUFF	HEDING	INPLOT	LINE	MAXMIN	NEXTTIME	NUMBER	PLOT	PLOTD	PLOTD1
		PLOTD2	SYMBOL	THS1	TOPLOT	WHERE	WRKCOM	WROT1					
SCLFIX	LENGTH 430												
	CALLED BY -	SCALIT											
	IS USED BY -	CONPLT	MAIN	PRONY									
	CALLS -	INPLOT	MAXMIN	TOPLOT									
SYMBOL	LENGTH 540												
	CALLED BY -	AXIS	CALC81	LINE	NUMBER	PLOTER							
	IS USED BY -	AXIS	CALC81	CONPLT	FSFT	MAIN	PLOTER	PRONY	SCALIT				
	CALLS -	$PLOT	$WRITE	BUFF	PLOT								
	USES -	$PLOT	$WRITE	BUFF	NEXTTIME								
THS1	LENGTH 128	THIS IS A 'COMMON' CONTROL SECTION											
	CALLED BY -	CALC81	CONTUR	CURVET	C81L	DTFDTA	DTFITM	DTFNFO	FSFT	MAIN	MOVBLK	PRONY	SCALIT
		WROT1											
	IS USED BY -	CONPLT	CURVET	DTFMAP	MAIN	MOVBLK	PPLOT	PRONY	SCALIT				
THS2	LENGTH 2968	THIS IS A 'COMMON' CONTROL SECTION											
	CALLED BY -	CONTUR	CURVET	C81L	DTFDTA	DTFITM	DTFNFO	FSFT	MAIN	MOVBLK	PRONY	SCALIT	
	IS USED BY -	CONPLT	DTFMAP	MAIN	PRONY								
TIMOD	LENGTH 68												
	CALLED BY -	DTFMAP											
	IS USED BY -	CONPLT	MAIN										
TIMPTS	LENGTH 1670	THIS IS A 'COMMON' CONTROL SECTION											
	CALLED BY -	CURVET	PRONY	SCALIT									
	IS USED BY -	CONPLT	MAIN	PRONY									
TOPLOT	LENGTH 9068	THIS IS A 'COMMON' CONTROL SECTION											
	CALLED BY -	CONPLT	CONTUR	CURVET	C81L	FSFT	HEDING	MAIN	MOVBLK	PPLOT	PRONY	SCALIT	SCLFIX
		WROT1											
	IS USED BY -	CALC81	CONPLT	CURVET	DTFITM	DTFMAP	FSFT	MAIN	MOVBLK	PPLOT	PRONY	SCALIT	
VSRTPM	LENGTH 570												
	CALLED BY -	EXPGN											
	IS USED BY -	CONPLT	MAIN	PRONY									

TABLE 8. CONCLUDED.

```
WHERE    LENGTH     140
         CALLED BY   - LINE
         IS USED BY  - CALC01   CONPLT   FSFT     MAIN     PLOTER   PRONY    SCALIT
               CALLS - PLOT
               USES  - $PLOT    $WRITE   BUFF     NEXTTIME

WRKCOM   LENGTH  30D40    THIS IS A 'COMMON' CONTROL SECTION
         CALLED BY   - CALC01   FSFT     MOVBLK   SCALIT
         IS USED BY  - CONPLT   MAIN     PRONY    SCALIT

WROT1    LENGTH     1A0
         CALLED BY   - CURVET   DTFMAP   MOVBLK   PPLOT    PRONY
         IS USED BY  - CONPLT   MAIN     PRONY    SCALIT
               CALLS - THS1     TOPLOT

YNORP    LENGTH   1F680    THIS IS A 'COMMON' CONTROL SECTION
         CALLED BY   - ALLMAT   EXPON
         IS USED BY  - CONPLT   EXPON    MAIN     PRONY

 END OF CONTROL SECTION CROSS-REFERENCE LIST
```

TABLE 9. LAYOUT OF MANEUVER VARIABLES.

GROUP	NUMBER	DISCRIPTION
VELOCITY GROUP	1	FORWARD VELOCITY, BODY AXIS, FT/SEC
	2	LATERAL VELOCITY, BODY AXIS, FT/SEC
	3	VERTICAL VELOCITY, BODY AXIS, FT/SEC
	4	ROLL RATE, BODY AXIS, RAD/SEC
	5	PITCH RATE, BODY AXIS, RAD/SEC
	6	YAW RATE, BODY AXIS, RAD/SEC
DISPLACEMENT GROUP	7	X-DISPLACEMENT, GROUND REFERENCE, FT
	8	Y-DISPLACEMENT, GROUND REFERENCE, FT
	9	Z-DISPLACEMENT, GROUND REFERENCE, FT
	10	EULER ANGLE ROLL, RAD
	11	EULER ANGLE PITCH, RAD
	12	EULER ANGLE YAW, RAD
MISCELLANEOUS GROUP	13	ROTOR 1 AZIMUTH LOCATION, RAD
	14	ROTOR 2 AZIMUTH LOCATION, RAD
	15	ROTOR 1 RPM, RAD/SEC
	16	INCR. TO COLL PITCH DUE TO BOBWEIGHT DISP
	17	DOT OF (16)
BLADE DEPENDENT PARTICIPATION FACTOR (BDPF) GROUP	18-24	BLADE DEPENDENT PARTICIPATION FACTORS, MODE 1
	25-31	BDPF, MODE 2
	32-38	BDPF, MODE 3
	39-45	BDPF, MODE 4
	46-52	BDPF, MODE 5
	53-59	BDPF, MODE 6
	60-66	BDPF, MODE 7
	67-73	BDPF, MODE 8
	74-80	BDPF, MODE 9
	81-87	BDPF, MODE 10
	88-94	BDPF, MODE 11
	95-101	BDPF, MODE 12
BDPF-DOT GROUP	102-185	DOTS OF (18-101), BDPFD
PYLON DPF GROUP	186-195	PYLON 1 MODE 1-10 PARTICIPATION FACTORS, PDPF
	196-205	PYLON 2 MODE 1-10 PARTICIPATION FACTORS, PDPF
PDPF-DOT GROUP	206-215	DOTS OF (186-195), PDPFD
	216-225	DOTS OF (196-205), PDPFD
SCAS PITCH CHANNEL	226	SCAS FEEDBACK, PITCH CHANNEL
	227	DOT OF (226)
	228	DOT OF (227)
	229	SCAS FEEDFORWARD, PITCH CHANNEL
	230	DOT OF (229)
	231	DOT OF (230)
SCAS ROLL CHANNEL	232-237	SAME AS (226-231) EXCEPT THIS IS ROLL CHANNEL
SCAS YAW CHANNEL	238-243	SAME AS (226-231) EXCEPT THIS IS YAW CHANNEL

TABLE 10. GLOBAL CROSS-REFERENCE FOR AGAP80.

VAR	SUB	COMMON	STATEMENT NUMBERS						
A			6 *	12	15	17	18	19	20
A			1	2 TY	7				
A			42 TY						
A			21	22					
A			42						
A	OUTPUT		4 TY	14 *	15	15	27	43	47
A	CLCD		142						
A	CLCD		109 *	109	109	112	148 *	139	139
A	INSTAR		29 TY	30 EQ	99				
A	LIZE		17 TY	38 EQ	140 *				
A	MATRIX		18 *	19 *	20 *	21 *			
A	MATRIX		1	2 TY	13 *	14 *	15 *	16 *	17 *
A	SAVING		12 TY	13 EQ	14 IO				
A	SIVAR		28 TY						
A	WAG		21 *	22	23				
A	WKTAHN		47	48	49				
A	WKTAIN		2 TY	30 *	31 *	32 *	43	44	45
A	WRDELF		10 TY	11 EQ	14 *	14			
A	WRVP		16 TY	16 TY	17 TY				
AA			76 IO	77 IO	92 IO	93 IO			
AA			2 TY	5 TY	11 IO	14 IO	19 IO	20 IO	21 IO
AA	OUTPUT		4 TY	15 *	23				
AA1	CDCL		2 TY	31 *	168	171	175		
AA1	CLCD		70 *	210	213	217			
AA2	CDCL		2 TY	32 *	168	171	175		
AA2	CLCD		71 *	210	213	217			
AA3	CDCL		2 TY	33 *	161	168	171	177	178
AA3	CLCD		72 *	203	210	213	219	220	
AA5	CDCL		2 TY	34 *	167	183	187	187	
AA5	CLCD		73 *	239	225	229	229		
AB	CLCD		106 *	107 *	107	107	108	136 *	137 *
AB	CLCD		137	137	138				
ABE	CDCL		184	197					
ABE	CDCL		2 TY	102 *	163	167	168	168	183
ABE	CLCD		204 *	205	209	210	210	225	226
ABE	CLCD		225						
ABS	AZMUTH		99						
ABS	BRTHEM		62						
ABS	BUNDER		24	27	30				
ABS	CDCL		35	41	43	86	162	190	
ABS	CLCD		101	204	232				
ABS	CORR		22	22					
ABS	DERIV		44	45	46				
ABS	FUSALC		52						
ABS	FUSFNM		49						
ABS	HRESP		111	112	118	119			
ABS	INBLD		33						
ABS	ITRIM		82	98	140				
ABS	ITHGT		43	43	43	66	67		
ABS	LCAGT		22						
ABS	MRAL		24	24	30	30	55	56	
ABS	MODES		31						
ABS	PHSMAG		32						
ABS	RADIAL		50	52	89	106	110	124	126
ABS	RTINIT		45						
ABS	SOLVE		7	9					
ABS	STAB		120	120					
ABS	START		48						
ABS	STBFNM		94	104	106				
ABS	SUMCMP		13	33	45	57			
ABS	SWSWAT		58						
ABS	TABFIX		40						
ABS	TIMLP		38						
ABS	TRIM		35						
ABS	TVTRIM		116	117	118				
ABS	UNSDEM		36	39	42	52			
ABS	UNSTED		57	58	59	63	83	83	139
ABS	UNSTED		109	111	111	132	132	134	134
ABS	VARI		27	105	110	115			
ABS	VIND		18	18	29	36	38	49	
ABS	WING		57	59	87				
ABS	WROPTM		69						
ABS	XSTCHF		43						
ABS	ZLLCAL		24	25	43	44	44		
ABSALF	CMCALC		2 TY	16 *	19 *	19	23 *	23	26
ABSALF	CMCALC		29	32	116	120			
ABSRFT	AZMUTH		2 TY	99 *	100	100			
ABSERC	HRESP		111 *	113	113				
ABSERS	HRESP		112 *	114	114				
ABSVCT	PHSMAG	STBD	3 CO	69 *	71	73 *	75	77 *	79

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
AHSVCT	WRMS	STBD	2 CC	17 *	18 *	19 *	36 IO	41 IO	47 IO
AC	TRIM		33 TY						
ACM	CMCALC	FORCMC	116	118	118	118	120	120	120
ACM	CMCALC	FORCMC	2 TY	4 CC	114	114	114	116	116
ACM4	CMCALC		114 *	120 *	121				
ACM5	CMCALC		2 TY	114 *	115	116	118 *	120	121
ACOFF	CMDINT	STARAD	11 CO	27 *					
ACOFF	RADIAL	STARAD	18 CO	131					
ADOT	AZMINT	ANDOIT	2 CO	90 *					
ADOT	RADIAL	ANDOIT	4 CO	132					
ADOT	SHKCTL	ANDOIT	2 CO	63 *	63				
AERCON	CDCL		2 TY	33 *	121	129	146		
AERCON	CLCD		69 *	161	169	187			
AERGTV	AFTRIM	STARAN	90						
AERGTV	AFTRIM	STARAN	22 CO	74	75	76	77	78	79
AERGTV	TVTRIM	STARAN	131 *						
AERGTV	TVTRIM	STARAN	26 CO	125 *	126 *	127 *	128 *	129 *	130 *
AERGTV	ZERL	STARAN	18 CO	98 *					
AF	OUTFLT	FLTRCM	2 CC	3 TY	56 *				
AF	FILTER	FLTRCM	2 CO	3 TY	38				
AFTRIM	AFTRIM		1						
AFTRIM	CONTRM		3 SN						
AGUST	GUST		82	83	84	88	98	88	88
AGUST	GUST		67 *	72	73	74	77	78	79
AGUST	GUST		24 TY	47 *	53 *	57 *	59 *	61 *	66 *
AGUSTR	RGUST		27 *	51 *	54 *	56 *	58 *	63 *	66 *
AGUSTR	RGUST		69	70	71	74	75	76	
AH			3 TY	32 *	36 IO	36 IO	36 IO		
AIB	GREFSHP	MANAL	10 CC	35	47				
AIB	INRO	MANAL	7 CC	157	158 IO	165			
AIB	INRTR	MANAL	7 CO	32					
AIB	MODAL	MANAL	7 CO	26 *	32 *	64			
AIB	OSHOPF	MANAL	9 CC	23	21				
AIB	PRMODE	MANAL	7 CO	24 IO					
AIB	ZERO	MANAL	8 CC	29 *					
AIBN	MODAL		28 *	30 *	30	32			
AIBP	CONSTB	STARAN	8 CC	35 *	37 *				
AIBP	DERIV	STARAN	18 CO	165					
AIBP	INSTAB	STARAN	13 CC	79 *	82 *				
AIBP	ITRCT	STARAN	20 CO	182					
AIBP	ZERO	STARAN	14 CC	30 *					
AIBR	CONSTB	STARAN	8 CO	36 *	38 *				
AIBR	DERIV	STARAN	18 CC	166					
AIBR	INSTAB	STARAN	13 CC	80 *	83 *				
AIBR	ITRCT	STARAN	20 CC	183					
AIBR	ZERO	STARAN	14 CC	31 *					
AIMAG	PROBES		18	24	29	32			
AIMAG	NUMRTF		77						
AIMAG	PHSMAG		71	75	79				
AIR1	INSTAB	STBD	19 CC	171 *					
AIR1	MODORS	STBD	9 CC	36					
AIR1	MODES	STBD	75	76	77				
AIR1	MODES	STBD	15 CO	56 *	70	71	72	73	74
AIR1	WFINST	STBD	16 CC	35	35	36	36		
AIR2	INSTAB	STBD	19 CC	172 *					
AIR2	MODORS	STBD	9 CO	37					
AIR2	MODES	STBD	15 CO	57 *	78	79	90	81	82
AIR2	MODES	STBD	83	84	85				
AIR2	WFINST	STBD	16 CC	37	37	38	38		
AJACOB	AJACOB		1						
AJACOB	INSTAB		73 SN						
AJACOB	ITHIN		78 SN						
AJACOB	JACOB1		48 SN						
AJACO1	AJACOB		78						
AJACO1	INSTAB		92 SN						
AL			3 TY	36 IO	36 IO	36 IO			
AL	CDCL	STARAN	157						
AL	CDCL	STARAN	2 TY	20 CO	72 *	75 *	78 *	81	115
AL	CLCD	STARAN	15 CO	44 *	45 *	46	47	57	86 *
AL	CLCD	STARAN	40 *	92	123				
AL	UNSTED	STARAN	134						
AL	UNSTED	STARAN	2 TY	22 CO	80	93	109	111	132
ALAMDA	RADIAL	STARAN	51	52					
ALAMDA	RADIAL	STARAN	2 TY	23 CO	48 *	49 *	50 *	50	50
ALAMDA	RADOUT	STARAN	17 CC	62					
ALB	CDCL		2 TY	110 *	111	117	117		
ALB	CLCD		94 *	95	132	133			
ALCLO	UNSTED		2 TY	78 *	79	105	116		
ALD	CDCL	ANDOIT	2 TY	5 CC	56 *	100	101		
ALD	CLCD	ANDOIT	2 CC	50 *	51	52			

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS					
ALG	CMCALC	ANDDIT	3 TY	4 CC	15	16		
ALG	STRINT	ANDDIT	2 TY	4 CC	12 FO	79		
ALDDCT	RADIAL	STARAN	23 CO	93 *	99 *	112	121 *	
ALDDUT	RADOUT	STARAN	17 CO	31				
ALDUCT	UNSTED	STARAN	22 CC	106	129	130		
ALDUTO	RADOUT		31 *	39 10				
ALDLAS	BUNDER	UNSARD	12 CC	29 *	30 *	33	33	
ALDLAS	RADIAL	UNSARD	2 TY	31 CO	84	100		
ALDLAS	UNSDER	UNSARD	22 CC	41 *	42 *	42	42	
ALDUT	BUNDER	STARAN	4 CO	23 *	24 *	24	24	25
ALDUT	RADIAL	STARAN	2 TY	23 CO	81 *	82	97 *	99
ALDUT	RADIAL	STARAN	120 *					102
ALDUT	RADOUT	STARAN	17 CC	30				
ALDUT	UNSDER	STARAN	19 CO	35 *	36 *	36	36	37
ALDUT	UNSTED	STARAN	22 CC	132	106			
ALDUTO	RADOUT		30 *	39 10				
ALF	BUNDER	ANDDIT	2 CO	28				
ALF	CDCL	ANDDIT	66	87	88	164	164	188
ALF	CDCL	ANDDIT	2 TY	5 CO	35	40 *	40	41
ALF	CDCL	ANDDIT	41	41	42	43	45	50
ALF	CLCO	ANDDIT	230					
ALF	CLCO	ANDDIT	2 CC	28	29	33 *	204	206
ALF	MTLT		22 *	23	25			
ALF	RADIAL	ANDDIT	128	129				
ALF	RADIAL	ANDDIT	2 TY	4 CO	65 *	73 *	74 *	110
ALF	RADOUT	ANDDIT	2 CO	22				
ALF	STBFNM	ANDDIT	161					
ALF	STBFNM	ANDDIT	2 CC	136 *	152 *	154 *	156	161
ALF	UNSDER	ANDDIT	2 CC	40				
ALF	UNSTED	ANDDIT	2 TY	4 CO	68	129	129	130
ALF	WING	ANDDIT	2 CO	98 *	100 *	146	155	161
ALFASH	RADPTM		79 *	80 *	81	86		
ALFBAR	RADOUT	STARAN	17 CO	37				
ALFBAR	UNSTED	STARAN	2 TY	22 CO	106 *	107	113	
ALFBRD	RADOUT		37 *					
ALFD	RADOUT		22 *	25 10	39 10	44		
ALFDIV	UNSTED		2 TY	79 *	81	81		
ALFDCT	RADIAL	STARAN	23 CO	70 *	84 *	100 *	114	
ALFDOT	RADOUT	STARAN	17 CC	29				
ALFDOT	UNSTED	STARAN	63	66				
ALFDUT	UNSTED	STARAN	2 TY	22 CO	32	57	58	59
ALFDTO	RADOUT		29 *	39 10				
ALFEGO	RADOUT		36 *					
ALFEQU	RADOUT	STARAN	17 CC	36				
ALFEQU	UNSTED	STARAN	2 TY	22 CC	105 *	107		
ALFSTB	GRPFLT	STRIMA	18 CC	66	72	78	84	
ALFSTH	LIZE	STRIMA	33 CC	160 *				
ALFSTH	STBFNM	STRIMA	31 CC	138 *	156 *			
ALFSX	CDCL		153					
ALFSX	CDCL		2 TY	137 *	140 *	143 *	148 *	150
ALFSX	CLCO		177 *	180 *	183 *	189 *	191	
ALG	CDCL		2 TY	45 *	50 *	56	67 *	162
ALG2	PHSMAG		14 *	32				
ALI	CLCO		62 *	115 *	118 *	120 *	121	124 *
ALI	CLCO		159	197	198			
ALI8	CLCO		145 *	148 *	151			
ALIN1	START	STARAN	22 CC	62 SA				
ALIN1	UNSTED	STARAN	21 CO	78				
ALIN1	YRINIT		1	2 TY	47 *			
ALIN2	START	STARAN	22 CC	62 SA				
ALIN2	UNSTED	STARAN	21 CC	76				
ALIN2	YRINIT		1	2 TY	48 *			
ALIN3	START	STARAN	22 CC	62 SA				
ALIN3	UNSTED	STARAN	21 CO	78				
ALIN3	YRINIT		1	2 TY	49 *			
ALIN4	START	STARAN	22 CC	62 SA				
ALIN4	UNSTED	STARAN	21 CC	78				
ALIN4	YRINIT		1	2 TY	50 *			
ALII4	CLCO		93 *	186				
ALLMAT	ALLMAT		1					
ALLMAT	ALSTAB		74 SN					
ALLMAT	NUMBTF		46 SA	50 SN				
ALLMAI	ALLMAT		167					
ALLMAI	PHSMAG		27 SN					
ALLMG	GRPFLT	MANAL	3 CC	95				
ALLMG	LIZE	MANAL	12 CC	132 *				
ALLMG	WING	MANAL	7 CC	155 *				
ALMAT	CLCO		41 *	42	45			
ALMIZ	CLCO		40 *	41				
ALOADS	RADIAL	ANDDIT	167	183				

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TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS					
ALOADD	RADIAL	ANDDIT	2 TY	5 CO	135 *	157	158	159 *	165
ALOADD	RADOUT	ANDDIT	3 CC	53					
ALOADI	RADIAL		2 TY	132 *	162 *	162	181		
ALOADL	RADIAL	ANDDIT	166	180					
ALOADL	RADIAL	ANDDIT	2 TY	5 CO	134 *	160	161 *	161	164
ALOADL	RADOUT	ANDDIT	3 CC	52					
ALOADP	RADIAL	ANDDIT	2 TY	5 CO	133 *	160 *	160	180	
ALOADP	RADOUT	ANDDIT	3 CC	54					
ALOADR	RADIAL	ANDDIT	2 TY	5 CO	92 *	126 *	157	158 *	158
ALOADR	RADIAL	ANDDIT	164	166					
ALOADR	RADOUT	ANDDIT	3 CC	52					
ALOG	PHSMAG		14						
ALOG	RADIAL		105						
ALOG10	FRGKES		31						
ALPH14	CDCL	ANDDIT	2 TY	6 CO	81 *	85	110	117	123
ALPH14	CDCL	ANDDIT	146	146	146	148			
ALPH14	CLCD	ANDDIT	3 CC	57 *	92 *	94	151	163	186
ALPH14	WING	ANDDIT	3 CC	147	162				
ALPH20	CLCD		186 *	187	187	187	189		
ALREFD	RADOUT		35 *						
ALREFL	RADOUT	STARAN	17 CO	35					
ALRFFL	UNSTED	STARAN	2 TY	22 CO	68 *	79	116		
ALRWG	GRPFLT	MANAL	3 CC	90					
ALRWG	LIZE	MANAL	12 CC	133 *					
ALWNG	WING	MANAL	9 CC	146 *	161				
ALSDIM	STEZIN		32 *	33 *	33	34	35		
ALSTAB	ALSTAB		1						
ALSTAB	CONSTB		29 SN						
ALSTBZ	CLCD	STRIAB	18 CC	47 *					
ALSTBZ	MODES	STRIAB	17 CO	34	34				
ALSTBZ	START	STRIAB	26 CO	66 *					
ALSZLL	STBFNM	STARAN	26 CO	101					
ALSZLL	STBZIN	STARAN	18 CC	31 *	67	68			
ALSZLL	WING	STARAN	21 CO	54					
ALT	MNEM	STARAN	16 CO	59 *	72 *				
ALT	POTAN	STARAN	18 CO	67 *	68 *				
ALT	VIND	STARAN	10 CO	39					
ALTD	ATMINT	STARAN	15 CO	34 *	44 *				
ALTD	WRTRIM	STARAN	12 CC	43					
ALTP	ATMINT	STARAN	15 CO	25 *	27	34	42 *		
ALTP	WRTRIM	STARAN	12 CC	42					
ALUNS	BUNDER	UNSARO	12 CO	16 *	16	28 *	29		
ALUNS	UNSDER	UNSARO	22 CO	27 *	27	40 *	41		
ALUNS	ZERO	UNSARO	27 CC	120 *					
ALWG	MODES	STARAN	11 CC	31					
ALWG	STBFNM	STARAN	26 CO	57	58	63			
ALWW	WING	STARAN	21 CO	161 *	168	173	174	174	
AMAX1	AZMUTH		56						
AMAX1	BRTRFM		18						
AMAX1	CDCL		120	146					
AMAX1	CLCD		160	187					
AMAX1	DAMPER		15						
AMAX1	DERIV		33						
AMAX1	EXTCNS		19						
AMAX1	FLPSTP		13						
AMAX1	FUSACC		58						
AMAX1	INTFNC		20						
AMAX1	ITERIN		94	103	104				
AMAX1	ITHOT		79	84	85				
AMAX1	MHAL		31	32					
AMAX1	SIVAR		30						
AMAX1	STBFNM		63						
AMAX1	SUPERP		14						
AMAX1	VAR1		21	151					
AMAX1	YRINIT		68						
AMAX1	YSINIT		55						
AMB	CDCL		187						
AMB	CDCL		2 TY	171 *	172	173 *	175 *	175	184
AMB	CLCD		213 *	214	215 *	217 *	217	226	229
AMG	CDCL		2 TY	43 *	44	49 *	49	57	58 *
AMG	CDCL		58	68 *	69	85	87	88	89
AMG	CDCL		90 *	96	111	113	113	115	117
AMG	CLCD		75	76 *	76	95	101	102	103
AMG	CLCD		123	151	158	163			
AMG	CLCD		29 *	30	31	32 *	32	33	50
AMGD	CDCL	ANDDIT	2 TY	5 CC	96 *	100 *			
AMGD	CLCD	ANDDIT	2 CO	51 *					
AMGD	STRINT	ANDDIT	2 TY	4 CC	12 EQ	26			
AMINI	AZMUTH		56						
AMINI	BRTRFM		18						

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TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
AMIN1	BUNDER		24	27	30				
AMIN1	CDCL		87	91					
AMIN1	CLCD		78	82					
AMIN1	DERIV		33	89					
AMIN1	EXTORS		19						
AMIN1	FLPSTP		13						
AMIN1	INTERQ		20						
AMIN1	ITROT		84	85					
AMIN1	MBAL		55	56					
AMIN1	PHETVT		100						
AMIN1	RADIAL		50						
AMIN1	RVRGST		33	34					
AMIN1	SIVAR		30						
AMIN1	SUPERP		13	14					
AMIN1	UNSDFR		36	39	42	52			
AMIN1	UNSTED		60	66	83				
AMIN1	VARI		21	151					
AMIN1	VORGST		70	71					
AMOD	CDCL		40						
AMOM	WRBMTV		9 *	12 *	12	15	16	21	22
AMOM	WRBMTV		26	27					
AMOM	WRSMTV		33 *	36 *	36	39	40	45	46
AMOM	WRSMTV		50	51					
AMPACC	LOADT		137 IO	137 IO	138 IO	138 IO	138 IO	138 IO	138 IO
AMPACC	LOADT		31 TY	132 *	133 *	137 IO	137 IO	137 IO	137 IO
AMPACC	LOADT		138 IO						
AMPMMT	WRBMTV		3 TY	53 *	57 IO				
AMPPLL	WRBMTV		3 TY	61 *	65 IO				
ANAL	AJACUB		76 SN						
ANAL	ANAL		1						
ANAL	DERIV		39 SN						
ANAL	STAB		97 SN						
ANDT	RESTRT	ANDDIT	2 CO	55 IO	65 IO	109 IC	114 IO	136 IO	137 IO
ANDT	TIMEJO	ANDDIT	2 CO	30 IO	36 IO				
ANG	CDCL		91	91	97	121	123	124	124
ANG	CDCL		152	157					
ANG	CDCL		2 TY	44 *	48 *	48	59 *	59	91 *
ANG	CLCD		158 *	161	164	164	191	194	
ANGD	CDCL	ANDDIT	2 TY	5 CO	97 *	101 *			
ANGD	CLCD	ANDDIT	2 CO	52 *					
ANGD	STRINT	ANDDIT	2 TY	4 CO	12 EQ	52			
ANGFLP	GRPFLT	STRIMA	18 CO	25	71	77	83	89	94
ANGFLP	LIZE	STRIMA	33 CO	170 *					
ANGFLP	STBFNM	STRIMA	105	106	106	107	107		
ANGFLP	STBFNM	STRIMA	31 CO	100 *	103 *	103	104	104	105
ANGFLP	WING	STRIMA	58	59	59	60	60		
ANGFLP	WING	STRIMA	26 CO	53 *	56 *	56	57	57	58
ANGLE	SHKINT		34 *	35	35				
ANGLS	STBFNM		64 *	66	67	71			
ANGS	STBFNM		54 *	58 *	58	61 *	61	73	74
ANGZLL	GRPFLT	STRIMA	18 CO	24	70	76	82	88	93
ANGZLL	LIZE	STRIMA	33 CO	169 *					
ANGZLL	STBFNM	STRIMA	31 CO	101 *	110 *	110	116	117	
ANGZLL	WING	STRIMA	168						
ANGZLL	WING	STRIMA	26 CO	54 *	63 *	63	69	70	168
ANGI	STBFNM		55 *	56 *	58	61			
AOR	INRC	STARAN	18 CO	133 *					
AOR	VIND	STARAN	10 CO	22					
APBG	JFBGIN		105 *	106	107				
APBJET	JFBGIN		39 *	48 SA					
APBM	SWSRAT		26 *	28 SA					
APCM	FUSINT	STARAN	16 CO	68 *					
APLM	YFINIT	STARAN	12 CO	90	91	94			
APCL	FUSFNM	STARAN	18 CO	80					
APCL	FUSINT	STARAN	16 CO	67 *					
APCL	YFINIT	STARAN	12 CO	80	91	93			
APD	AFTWIM	MANAL	12 CO	61	109	121			
APD	AJACUB	MANAL	8 CO	52 *	62 *	65	67	68	70
APD	DERIV	MANAL	9 CO	120	122				
APD	FUSACC	MANAL	18	38	53	54			
APD	FUSACC	MANAL	5 CO	22	23	24	26	37	37
APD	GPFLGE	MANAL	5 CO	17					
APD	GRPGRD	MANAL	5 CO	19					
APD	LIZE	MANAL	12 CO	134 *					
APD	MDRDWS	MANAL	3 CO	29	34	54	56		
APD	QUAN	MANAL	6 CO	33 *					
APD	ROTAN	MANAL	12 CO	54	56				
APD	SCASIT	MANAL	5 CO	16					
APD	STBFNM	MANAL	14 CO	80	82				
APD	SUPERP	MANAL	3 CO	43					

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
APD	SWSRAT	MANAL	12 CC	48	49	50			
APDD	DERIV	MANAL	9 CC	123	125				
APDD	FUSACC	MANAL	5 CC	35 *	37	37	38	38	43
APDD	ROTAN	MANAL	12 CC	57	59				
APDD	SCASIT	MANAL	5 CC	16					
APDD	SWSRAT	MANAL	12 CC	51	52				
APDDD	FUSACC	MANAL	8 CC	40 *					
APDDD	SCASIT	MANAL	8 CC	16					
APDDS	SWSRAT		52 *	60					
APDER	SUPERP		43 *	44	44				
APDG	AJACOB		60 *	61	62	63			
APDIXZ	MORORS		34 *	53	57				
APDM	DERIV	ANDDIT	2 CC	156					
APDM	ITROT	ANDDIT	2 CC	172					
APDM	SWSRAT	ANDDIT	2 CC	61 *					
APDNS	MORORS		29 *	40	44				
APDOT	STRFNM		42 *	43 *	56				
APDS	AZMINT	ANDDIT	2 CC	64					
APDS	SWSRAT	ANDDIT	64						
APDS	SWSRAT	ANDDIT	2 CC	49 *	58 *	58	61	62	64 *
APDSF	QSRDPF	STARAN	18 CC	26 *	39				
APDSF	SWSRAT	STARAN	22 CC	62 *					
APDT	AFTRIM	MANAL	15 CC	121 *					
APDT	SUPERP	MANAL	6 CC	43					
APE	AFTRIM	MANAL	12 CC	64	118				
APE	AJACOB	MANAL	8 CC	37	39	43 SA			
APE	FUSACC	MANAL	5 CC	49	55				
APE	GRPORD	MANAL	5 CC	25					
APE	JFBGIN	MANAL	6 CC	83 *					
APE	LIZE	MANAL	12 CC	42					
APE	MNEM	MANAL	8 CC	43 SA					
APE	QUAN	MANAL	6 CC	38 *	83 SA				
APE	SUPERP	MANAL	3 CC	42					
APE	VARI	MANAL	8 CC	65					
APE	WRFM	MANAL	6 CC	45 SA					
APE	WROPTM	MANAL	11 CC	95 SA					
APED	AJACOB		58 *	59	60				
APELR	SUPERP		42 *	44	45	45			
APET	AFTRIM	MANAL	15 CC	118 *					
APFT	SUPERP	MANAL	6 CC	42					
APWG	STRFNM	STARAN	26 CC	64					
APWG	WING	STARAN	21 CC	168 *	169	170			
APG	CDCL		2 TY	88 *	89	89	90		
AP	CLCD		151	152					
AR	CLCD		60 *	61	93	111	121	124	141
ARHM	SWSRAT		27 *	28 SA					
ARCOS	AJACOB		41	41					
ARCOS	FUSFNM		80						
ARD	AFTRIM	MANAL	12 CC	60	138	120			
ARD	AJACOB	MANAL	8 CC	51 *	61 *	66	67	68	69
ARD	AJACOB	MANAL	69	69	70				
ARD	DERIV	MANAL	9 CC	121	122				
ARD	FUSACC	MANAL	35	37	38	40	40	55	
ARD	FUSACC	MANAL	5 CC	22	23	25	26	35	35
ARD	GPELGF	MANAL	5 CC	16					
ARD	GRPORD	MANAL	5 CC	20					
ARD	LIZE	MANAL	12 CC	135 *					
ARD	MORORS	MANAL	3 CC	30	35	48	55		
ARD	QUAN	MANAL	6 CC	32 *					
ARD	ROTAN	MANAL	12 CC	55	56				
ARD	SCASIT	MANAL	5 CC	24					
ARD	STRFNM	MANAL	14 CC	81	82				
ARD	SUPERP	MANAL	3 CC	31					
ARD	SWSRAT	MANAL	12 CC	48	49	50			
ARD	VARI	MANAL	8 CC	65					
ARD	WING	MANAL	9 CC	171	172				
ARDD	DERIV	MANAL	9 CC	124	125				
ARDD	FUSACC	MANAL	5 CC	36 *	37	38	40	40	42
ARDD	ROTAN	MANAL	12 CC	58	59				
ARDD	SCASIT	MANAL	5 CC	24					
ARDD	SWSRAT	MANAL	12 CC	51	52				
ARDDE	FUSACC	MANAL	8 CC	41 *					
ARDDD	SCASIT	MANAL	8 CC	24					
ARDDS	SWSRAT		51 *	55 *	55	61			
ARDER	SUPERP		31 *	32	32				
ARDG	AJACOB		59 *	61	62	63			
ARDIXZ	MORORS		35 *	47	52				
ARDM	DERIV	ANDDIT	2 CC	156					
ARDM	ITROT	ANDDIT	2 CC	172					
ARDM	SWSRAT	ANDDIT	2 CC	60 *					

TABLE 10. CONTINUED.

VAR	SOU	COMMON	STATEMENT NUMBERS						
ANOMS	NORMO		33 *	45	53				
ANOS	AZANGT	ANOUIT	2 CC	64					
ANOS	SASNAT	ANOUIT	63	55 *	65				
ANOS	SBSNAT	ANOUIT	2 CC	49 *	54 *	54	59 *	59	60
ANOSF	OSFOIN	STANAL	18 CC	27	40				
ANOSF	SWSNAT	STANAL	22 CC	63 *					
ANOT	AFTRIM	MANAL	15 CC	120 *					
ANOT	SUPERP	MANAL	6 CC	31					
ANE	AFTRIM	MANAL	12 CC	63	117				
ANF	AJACOB	MANAL	3 CC	41 *	41	43 SA			
ARE	FUSALC	MANAL	2 CC	50	51				
ARE	GRFORD	MANAL	5 CC	26					
ARE	JFHOIN	MANAL	6 CC	84 *					
ARE	LIZE	MANAL	12 CC	43					
ARL	MNEM	MANAL	5 CC	43 SA					
ARE	QUAN	MANAL	5 CC	37 *	83 SA				
ARE	SUPERP	MANAL	5 CC	30					
ARF	VARI	MANAL	8 CC	65					
ARESR	SUPERP		30 *	32	33	33			
ARET	AFTRIM	MANAL	15 CC	117 *					
ARET	SUPERP	MANAL	6 CC	30					
ARFAC	CLCD		43 *	46	46	60	231	231	
ARS	WINC		171 *	175	176				
ARSIN	FUSENM		41	48					
ARYMCK	ALLMAT	STBMCK	60	65	76	174	236		
ARYMCK	ALLMAT	STBMCK	36	37 *	37	38 *	40	42	43 *
ARYMCK	ALLMAT	STBMCK	46	47	49	51 *	55 *	55	55
ARYMCK	ALLMAT	STBMCK	4 CC	5 TY	22	31	32 *	32	33 *
ARYMCK	ALSTAR	STBMCK	11 CC	12 TY	56 *	58 *	69 *	69	70 *
ARYMCK	ALSTAR	STBMCK	70	72 *					
ARYMCK	NUMRTF	STBMCK	5 CC	6 TY	31 *	41 *	41	42 *	42
ARYMCK	NUMRTF	STBMCK	44 *						
ARYMCK	SWAP	STBMCK	4 CC	5 TY	52 *	52	53 *	53	55 *
AS1	CDCL		2 TY	128 *	129 *	133	133	140	143
AS1	CLCD		168 *	169 *	173	173	180	183	
AS2	CDCL		2 TY	130 *	131 *	131	133	143	
AS2	CLCD		170 *	171 *	171	173	183		
AS3	CDCL		2 TY	133 *	134	140			
AS3	CLCD		173 *	174	180				
ATAN	RADIAL		46	47					
ATAN	YSINIT		24						
ATAN2	AFTGEM		44						
ATAN2	AZMUTH		59						
ATAN2	ERORES		29	32					
ATAN2	GRPELT		69	81					
ATAN2	MNEM		50						
ATAN2	PHSMAG		71	75	79				
ATAN2	QUAN		92	93					
ATAN2	RADIAL		56						
ATAN2	STRENM		64	154	155				
ATAN2	UNSTED		102						
ATAN2	WING		100	101					
ATAN2	WRUMTV		55	63					
ATAN2	WRUPTM		40						
ATB	RESTRT	ATAB	3 CC	109 IO	114 IO				
ATMGRP	WRTRIM		24 TY	42 *	43 *	44 *	45 *	46 *	47 *
ATMGRP	WRTRIM		48 IO						
ATMINT	ATNINT		1						
ATMINT	START		42 SN						
AUXJET	AUXJET		1						
AUXJET	VARI		127 SN						
AVECT	PHSMAG		76 *	77	79	79			
AVECT	PHSMAG		6 TY	61 *	62	68 *	69	71	71
AVGFAC	FLRINT	MANAL	6 CC	44 SA	45 SA	46 SA			
AVGFAC	TRIM	MANAL	11 CC	86 *	87 *	88 *			
AVGFAC	TVTRIM	MANAL	16 CC	97 SA	98 SA	99 SA			
AVP	CMCALC	ANDOIT	2 TY	4 CC	34	35	36	44	51
AVP	CMCALC	ANDOIT	52	59	113				
AVP	RADIAL	ANDOIT	4 CC	102 *	106	114			
AVSCLF	CMCALC		2 TY	9 TY	11 TY	113			
AY	AFTRIM	STRIMA	27 CC	93 *	94 *				
AY	QUAN	STRIMA	21 CC	90 *	92 *				
AYDO	JFHOIN		104 *	108	109				
AYHJET	JFHOIN		38 *	48 SA					
AYO	AFTRIM	MANAL	12 CC	62	110	122			
AYO	AJACOB	MANAL	69	69	70				
AYO	AJACOB	MANAL	8 CC	53 *	63 *	65	66	68	69
AYO	DERIV	MANAL	3 CC	120	121				
AYO	FUSALC	MANAL	35	37	38	40	40	53	54
AYO	FUSACC	MANAL	5 CC	22	23	24	25	35	35

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS					
AYD	GRPLGE	MANAL	5 CC	18				
AYD	GRPURD	MANAL	5 CC	18				
AYD	LIZE	MANAL	12 CC	136 *				
AYD	MDNDRS	MANAL	3 CC	28	33	47	52	
AYD	QUAN	MANAL	6 CC	34 *				
AYD	ROTAN	MANAL	12 CC	54	55			
AYD	SCASIT	MANAL	5 CC	32				
AYD	STPFNM	MANAL	14 CC	80	81			
AYD	SUPERP	MANAL	3 CC	55				
AYD	SWSRAT	MANAL	12 CC	48	49	50		
AYD	WING	MANAL	9 CC	171	172			
AYDD	DERIV	MANAL	9 CC	123	124			
AYDD	FUSACC	MANAL	5 CC	34 *	37	38	40	40 44
AYDD	ROTAN	MANAL	12 CC	57	58			
AYDD	SCASIT	MANAL	5 CC	32				
AYDD	SWSRAT	MANAL	12 CC	51	52			
AYDDD	FUSACC	MANAL	8 CC	39 *				
AYDDD	SCASIT	MANAL	8 CC	32				
AYDER	SUPERP		55 *	56	56			
AYDIXZ	MJRDRS		33 *	48	55			
AYDMS	MDNDRS		28 *	42	49			
AYDS	SWSRAT		50 *	53 *	53	56		
AYDT	AFTRIM	MANAL	15 CC	122 *				
AYDT	SUPERP	MANAL	6 CC	55				
AYE	AFTRIM	MANAL	12 CC	65	119			
AYE	AJACOB	MANAL	3 CC	34	35	43 SA		
AYE	GRPURD	MANAL	5 CC	24				
AYE	JFBGIN	MANAL	6 CC	82 *				
AYE	LIZE	MANAL	12 CC	41				
AYE	MNEM	MANAL	8 CC	43 SA				
AYE	QUAN	MANAL	6 CC	39 *	83 SA			
AYE	SUPERP	MANAL	3 CC	54				
AYE	TRIM	MANAL	8 CC	35				
AYE	WREM	MANAL	6 CC	45 SA				
AYE	WRDPTM	MANAL	11 CC	95 SA				
AYED	AJACOB		50 *	51	52	53	54	
AYEEN	SUPERP		54 *	56	57	57		
AYEFP	ITRIM	STRIAB	20 CC	110 SA				
AYEFP	ROZERO		1	2 TY	9			
AYEFP	TRIM	STRIAB	22 CC	30 TY	34 *	35 *	36 *	
AYET	AFTRIM	MANAL	15 CC	119 *				
AYET	SUPERP	MANAL	6 CC	54				
AYFP	AJACOB	STRIMA	25 CC	59	60			
AYFP	GRPFLT	STRIMA	17 CC	74				
AYFP	MNEM	STRIMA	25 CC	49 *	50 *			
AYFP	QUAN	STRIMA	21 CC	91 *	93 *			
AYFP	TRIM	STRIMA	25 CC	35				
AYS	WING		172 *	175	176			
AZ	INIT		32 *	33	33 *	33	34	
AZ	MTLT		1	18	36			
AZ	VARI		136 SA	147 *				
AZETAR	MTLT	MANAL	4 CC	18 *	36 *			
AZETAR	SWSRAT	MANAL	13 CC	60				
AZETAR	TIMLP	MANAL	6 CC	59 *	60 *			
AZMINT	AZMINT		1					
AZMINT	AZMUTH		74 SA					
AZMOUT	AZMOUT		1					
AZMOUT	AZMUTH		79 SN					
AZMUTH	AZMUTH		1					
AZMUTH	ITROT		120 SN					
AJ	BUTFLT	FLTRCM	2 CC	3 TY	52 *	55		
AJ	FILTER	FLTRCM	2 CC	3 TY	21	38		
AI	ITROT	ANDOIT	2 CC	118				
AI	MATRIX		1	3	6			
AI	MBAL	ANDOIT	2 CC	37 *	37	40 *	40	57 * 57
AI	MBAL	ANDOIT	59 IC	65 IC				
AI	ROTAN	ANDOIT	2 CC	30 *	34	74	77	
AI	TVTRIM	ANDOIT	2 CC	180 *	183 *	183		
AIA180	TVTRIM		117 *	183				
AIBAL	ROTAN	STARAN	18 CC	77 *				
AIBAL	STAB	STARAN	9 CC	160	166			
AID	AZMINT	ANDOIT	2 CC	55				
AID	ROTAN	ANDOIT	2 CC	32 *				
AIFILT	BUTFLT	FLTRCM	2 CC	3 TY	55 *			
AIFILT	FILTER	FLTRCM	2 CC	3 TY	21	38		
AIM	AFTRIM	MANAL	12 CC	33 EQ				
AIM	GRPRTH	MANAL	7 CC	22	24			
AIM	JFBGIN	MANAL	6 CC	89 *				
AIM	LIZE	MANAL	12 CC	48				
AIM	PRETVT	MANAL	8 CC	29 EQ				

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS					
AIM	QUAN	MANAL	6 CO	27 EQ				
AIM	ROTAN	MANAL	12 CO	27 EQ				
AIM	STAB	MANAL	3 CO	26 EQ	160			
AIM	TIMEP	MANAL	5 CO	19 EQ				
AIM	WRUPTM	MANAL	11 CO	36 EQ				
AIM	WSPENT	MANAL	3 CO	15 EQ				
AIMU	LIZE	MANAL	12 CO	111 *				
AIMU	QUAN	MANAL	6 CO	28 EQ				
AIMU	ROTAN	MANAL	12 CO	28 EQ				
AISV	ROTAN		34 *	79				
AIT	GRPRTM	MANAL	7 CO	40	42			
AIT	JFRGIN	MANAL	6 CO	91 *				
AIT	LIZE	MANAL	12 CO	50				
AIT	STAB	MANAL	3 CO	166				
AITD	LIZE	MANAL	12 CO	112 *				
A2	CLCD		109 *	111	139 *	141		
A2	MATRIX		1	4	7			
A3	MATRIX		1	5	8			
E			9 *	12	13	15	17	19
E			1	2 TY	7			
E			20					
E	BL4INT	MANAL	7 CO	72				
E	OUTFLT		4 TY	53 *	54	61 *	62	
E	INRC	MANAL	7 CO	31 *	38 *	40	42	165
E	INRTN	MANAL	7 CO	32	40	41	53	
E	MNEM	MANAL	6 CO	33				
E	NJPS	MANAL	3 CO	11				
E	PYLINT	MANAL	6 CO	35				
E	SMRINT	MANAL	7 CO	24				
E	SOLVE		15 *	17				
E	VIND	MANAL	3 CO	18				
E	#KTABN		40 *	41 *	43	44	45	
E	#KTAHN		23	24	25	30	31	32
E	#KTABN		2 TY	9 *	10 *	11 *	13	14
E	WRUPTM	MANAL	11 CO	61				
EAIB	ANAL	STARAN	16 CO	47	64			
EAIC	INRTN	STARAN	14 CO	32 *				
EAID	INSTAB	STARAN	13 CO	171	172			
EAIE	MNEM	STARAN	16 CO	128	129			
EAIF	ZERO	STARAN	14 CO	32 *				
EAP	CMCALC	ANDOIT	2 TY	4 CO	69	70	71	72
EAP	CMCALC	ANDOIT	90	91	98	102	121	83
EAP	RADIAL	ANDOIT	4 CO	112 *	114			
EASELF	CMCALC		2 TY	9 TY	12 TY	121		
EASEA	ANAL		35 *	42	47	51	52	59 IO 65 IO
EASEB	ANAL		36 *	43	48	51	52	59 IO 65 IO
EBCOOF	BL4INT	STARAN	17 CO	34 *	54 *	57		
EBMK	AZMUTH	STARAN	28 CO	109				
EBMK	RADHON	STARAN	2 TY	24 CO	57 *	60 *	60	
EBMK	RADIAL	STARAN	24 CO	149	150			
ECCOOF	BLKINT	STARAN	17 CO	35 *	55 *	58		
ECCLST	BLKINT		28 *	54	63 *			
ECCNXT	BLKINT		42 *	49 *	54	63		
ED	PUNCH		15 TY	16 EQ	29	30		
EDOTRS	AZMINT	ANDOIT	3 CO	64 *				
EDOTRS	RADHON	ANDOIT	2 TY	5 CO	68			
EDOTRS	RADIAL	ANDOIT	5 CO	80				
EDPFOO	ROPFOO		1					
EDPLOO	DEFIV		16H SN					
EDPFOO	FOCUS		30 SN					
EET	ATLT		24 *	25				
EETA	OUTFLT		2 TY	20 *	27	28	28	
EETAB	AZMUTH	ANDOIT	2 TY	4 CO	96	96	97	97
EETAB	AZMUTH	ANDOIT	99	130	100			98
EETAH	RADHON	ANDOIT	2 TY	4 CO	64 *	65	66	
EETAO	UNSTED	ANDOIT	2 TY	4 CO	101	106		
EETABO	RADIAL	STARAN	23 CO	80 *				
EETABO	RADOUT	STARAN	17 CO	33				
EETAON	UNSTED	STARAN	22 CO	106	129	130		
EETAH	AZMOUT		22 *	33 IO				
EETAX	AZMUTH	MANAL	14 CO	28				
EETAK	INRC	MANAL	9 CO	77 *				
EETAK	INRTN	MANAL	4 CO	37 *				
EETAK	SIVAR	MANAL	7 CO	110	112	113 *		
EETAK	VARI	MANAL	9 CO	151 *				
EETANN	ELPSTP		13 *	14	15	16	17	18
EETANN	SIVAR		121 *	122	124			
EETAV	UNSTED		2 TY	131 *	102			
EETAX	AZMUTH	MANAL	2 TY	14 CO	96	96	97	97
EETAX	ELPSTP	MANAL	4 CO	16 *				

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS					
BETAX	SPSHFT	4ANAL	7 CO	17	30			
BETAX	INRC	4ANAL	8 CO	32 *				
BETAX	INRTN	4ANAL	8 CO	35 *				
BETAX	ANEM	4ANAL	9 CO	92 *	108 *	121 *		
BETAX	SIVAR	4ANAL	7 CO	121				
BETAXR	AZMUTH	STARAN	2 TY	25 CO	96	97		
BETAXR	INRC	STARAN	19 CO	76 *				
BETAXR	INRTN	STARAN	15 CO	36 *				
BETAZ	AZMOUT	4ANAL	5 CO	22				
BETAZ	INRC	4ANAL	8 CO	42 *	166			
BETAZ	MNEM	4ANAL	9 CO	120 *	124	125	126	127
BETAZ	RADRSN	4ANAL	2 TY	13 CO	65	66		
BETAZ	TILT	4ANAL	4 CO	55				
BETAZ	UNSTEO	4ANAL	13 CO	95				
BETAZ	VTFFA	4ANAL	4 CO	11 *	11	12	13	
BETAZ	WRLPTM	4ANAL	12 CO	72				
BETAZ	ZERO	4ANAL	9 CO	33 *				
BETAZD	AZMINT	4ANAL	11 CO	64				
BETAZD	TIMLP	4ANAL	6 CO	29 *				
BETAZD	VTFFA	4ANAL	4 CO	10 *				
BETAZD	ZERO	4ANAL	9 CO	34 *				
BETAU	UNSTEO		2 TY	35 *	102			
BETAI	AZMINT		1	87 *	89			
BETAI	AZMOUT		1	22				
BETAI	AZMUTH		74 SA	79 SA				
BETAI	TIMLP		32 *	45	46	51	52	54
BETAZ	TIMLP		33 *	39 *	51	52		
BETSRK	AZMUTH	STARAN	28 CO	130				
BETSRK	INRC	STARAN	22 CO	112 *	115 *	116	120	
BETNLR	AZMUTH	STARAN	28 CO	130				
BETNLR	INRC	STARAN	22 CO	114 *	115	117 *	120	
BETNLR	INRTN	STARAN	14 CO	33 *				
BETNLP	AZMUTH	STARAN	28 CO	130				
BETNLP	INRC	STARAN	22 CO	113 *	114	120		
BGI	INRMSS		28 *	56	57	58		
BGMT	INRMSS		58					
BGMT	INRMSS		26 *	27	27 *	56	56	57	57
BGUSTR	GUST		48 *	90	91	92		
BH	INRTN		40 *	41 *	53			
BIG	ALLMAT		126	226 *	228 *	228	230	
BIG	ALLMAT		9 TY	19 *	23	25 *	28	122 *	125
BIGA	INVERS		10 *	14	15 *	36 *	38	46
BK	PUNCH		15 TY	16 EQ	32	33		
BLANK	READ1		6 TY	13 TY	36			
BLANK4	PTBOUT		18	27	36			
BLANK4	READIN		37 TY	118				
BLCG	FSMINT	INSTAR	4 CO	18				
BLCG	FUSINT	INSTAR	2 CO	56 *	59	63		
BLCG	INRC	INSTAR	3 CO	64				
BLCG	JFBGIN	INSTAR	2 CO	36	102			
BLCG	STRZIN	INSTAR	4 CO	70	71	75		
BLCG	XSTINT	INSTAR	2 CO	27				
BLCGX	CGYARM	STRIMA	15 CO	32				
BLCGX	FRTCRS	STRIMA	12 CO	50	55	57	75	
BLCGX	FUSINT	STRIMA	22 CO	47	49	51	63	
BLCGX	XSTINT	STRIMA	6 CO	13 *	27			
BLDINC	MPCNTL		1	35 *				
BLDINC	MPRTR		1	18	19	43	44	47	48
BLDINC	MPRTR		72	90				
BLDINC	TIMEOO		33 SA	49 SA				
BLDMSS	AZMUTH	STARAN	27 CO	139				
BLDMSS	BLMINT	STARAN	17 CO	24 *	66 *	66	71 *	72
BLDMSS	MYLINT	STARAN	15 CO	35				
BLDMSS	WRMODE	STARAN	15 CO	23				
BLDWT	WRMODE		23 *	24 IO				
BLMINT	BLMINT		1					
BLMINT	INRC		134 SN					
BLMI	INRMSS		56 *	62				
BLM2	INRMSS		57 *	63				
BLM3	INRMSS		58 *	64				
BLOAD	LOADT	STRIAD	28 CO	143 SA				
BLOAD	WRDPTM	STRIAD	28 CO	133 IO	137 IO	137 IO		
BLOAD	WRSMIV		17 *	18 *	19 *	27 *	28 *	29 *	30 *
BLOAD	WRSMIV		1	3 TY	12 *	13 *	14 *	15 *	16 *
BM	PUNCH		15 TY	16 EQ	26	27			
BMAC	CDCL		2 TY	168 *	169	169			
BMAC	CLCD		210 *	211	211				
BMASS	BLMINT	STARAD	58	66					
BMASS	BLMINT	STARAD	12 CO	53 *	54	55	56 *	56	57
BMASS	INRMSS	STARAD	11 CO	60 *	62 *	63 *	64 *		

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
EMASS	MODAL	STARAY	15 CC	30					
EMASS	RADIAL	STARAY	2 TY	18 CC	175	176	177		
EMAXAZ	WRSMIV	BLOADS	2 CC	17 *	23 *				
EMAXAZ	WRSMIV	BLOADS	2 CC	10 IC	13 IC	14	18	25 IC	29
EMCH	RADIAL		2 TY	176 *	182				
EMINAZ	WRSMIV	BLOADS	2 CC	18 *	28 *				
EMINAZ	WRSMIV	BLOADS	2 CC	10 IC	10 IC	15	19	25 IC	30
EMOM	AZMUTH		2 TY	98 *	100 *	100	111	142	143
EMOMAX	WRSMIV	BLOADS	2 CC	15 *	21	22 *			
EMOMAX	WRSMIV	BLOADS	2 CC	25 IC	27				
EMOMAX	WRSMIV	BLOADS	2 CC	7	8	10 IC	10 IC	12	16
EMOMIN	WRSMIV	BLOADS	2 CC	16 *	26	27 *			
EMOMIN	WRSMIV	BLOADS	2 CC	25 IC	27				
EMOMIN	WRSMIV	BLOADS	2 CC	7	8	10 IC	10 IC	12	16
EMOMA	AZMUTH		2 TY	95 *	96 *	97 *	98		
EMS	AZMINT	FLEX	6 CC	81	82	83			
EMS	AZMUTH	FLEX	9 CC	109					
EMS	EMSINT	FLEX	2 CC	47 *	48 *	49 *			
EMS	GRDSHFT	FLEX	2 CC	48	52				
EMS	INIT	FLEX	2 CC	46	47	48			
EMS	LOADT	FLEX	7 CC	106	106				
EMS	MODAL	FLEX	2 CC	37	37	45 *	45	47	47
EMS	RADIAN	FLEX	3 TY	8 CC	52	53	54		
EMS	RADIAL	FLEX	2 TY	8 CC	180	180	180	181	182
EMS	RADIAL	FLEX	183	184					
EMS	SHKINT	FLEX	2 CC	35	35				
EMS	TVTRIM	FLEX	6 CC	182	183				
EMS	WRGPTM	FLEX	6 CC	68	69				
EMSD	RADIAL		2 TY	177 *	183				
EMSINT	EMSINT		1						
EMSINT	INRC		143 SN						
ENPSIR	DERIV	MANAL	10 CC	165	166				
ENPSIR	FOCUS	MANAL	8 CC	45					
ENPSIR	ITRGT	MANAL	141	142	144	145	182	183	
ENPSIR	ITRUT	MANAL	13 CC	122	123	124	138	139	140
ENPSIR	NUMS	MANAL	4 CC	11 *					
EOTTOM	SWAS	STRIMA	11 CC	24					
EOTTOM	TILT	STRIMA	11 CC	21 *	29 *				
EOZA	CLCD		111 *	113	114	115	118	141 *	143
EOZA	CLCC		144	145	148				
EMANCH	CDCL		4 TY	46 *	47	67	82		
ERNGK	AZMUTH	STARAN	28 CC	135					
ERNGK	INRC	STARAN	22 CC	123 *					
ERTREM	RRTREM		1						
ERTREM	VARI		160 SN						
ETASTB	GRPFLT	STRIMA	18 CC	67	73	79	85	91	96
ETASTB	LIZE	STRIMA	33 CC	171 *					
ETASTB	STRENM	STRIMA	31 CC	137 *	153 *	155 *	157		
ETASTB	WING	STRIMA	26 CC	99 *	131 *	102	166	166	
ETBL	CLCD	ANDOIT	3 CC	41					
ETBL	STRENM	ANDOIT	3 CC	139 *	157 *				
ETBL	WING	ANDOIT	3 CC	102 *	103 *	103			
ETOTOG	RADOUT		33 *						
EUNDER	BUNDER		1						
EUNDER	RADIAL		95 SN						
EUTFLT	BUTFLT		1						
EUTFLT	FLRINT		17 SN	33 SN					
EUTFLT	TVTRIM		84 SN						
EVLCT	PHSMAG		8 TY	72 *	73	75	75		
EWLAST	BLMINT		26 *	53	54	55	59 *		
EWMS	JFBGIN		53 *	65	66				
EWNEXT	BLMINT		40 *	47 *	53	54	55	59	
EWTC	FUSACC	STAMAN	10 CC	59					
EWTC	JFBGIN	STAMAN	11 CC	66 *	72 *				
EWTDD	FUSACC		59 *	60	65 *	70			
EWTF	JFBGIN		67 *	69 IC					
EWTK	FUSACC	STAMAN	10 CC	59					
EWTK	JFBGIN	STAMAN	11 CC	65 *	67	73 *			
EWTM	FUSACC	STAMAN	10 CC	57	58				
EWTM	JFBGIN	STAMAN	11 CC	64 *	74 *				
EX1	INBMSS		44 *	46	48	49	50	57	58
EX2	INBMSS		45 *	47	48	49	50	56	58
EO	BUTFLT	FLTRCM	2 CC	3 TY	66 *				
EO	FILTLR	FLTRCM	2 CC	3 TY	29	29	45		
EI	ITRGT	ANDOIT	2 CC	119					
EI	MRAL	ANDOIT	59 IC	65 IC					
EI	MRAL	ANDOIT	2 CC	41 *	41	46 *	46	58 *	58
EI	OSCORF	ANDOIT	2 CC	26	39				
EI	ROTAN	ANDOIT	2 CC	31 *	35	75	78		
EI	TVTRIM	ANDOIT	2 CC	116 *	182 *	182			

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TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
=1A270	TVTRIM		118 *	182					
E1JAL	BUTAN	STAHAN	18 CC	78 *					
E1MAL	STAH	STAHAN	9 CC	163	169				
E1D	AZMINT	ANDUIT	2 CU	55					
E1D	BUTAN	ANDUIT	2 CU	33 *					
E1FILT	BUTFLT	FLTRCM	2 CC	3 TY	67 *				
E1FILT	FILTER	FLTRCM	2 CC	3 TY	29	45			
E1M	GRPNTR	MANAL	7 CC	23	25				
E1M	JFBGIN	MANAL	6 CC	90 *					
E1M	LIZE	MANAL	12 CC	49					
E1M	STAT	MANAL	3 CC	163					
E1MD	LIZE	MANAL	12 CC	113 *					
E1SV	BUTAN		35 *	80					
E1T	GRPNTR	MANAL	7 CC	41	43				
E1T	JFBGIN	MANAL	6 CC	92 *					
E1T	LIZE	MANAL	12 CC	51					
E1T	STAT	MANAL	3 CC	169					
E1TD	LIZE	MANAL	12 CC	114 *					
E2	BUTFLT	FLTRCM	2 CC	3 TY	68 *				
E2	FILTER	FLTRCM	2 CC	3 TY	45				
E			10 *	13	14	15	16	17	20
E			21						
E	BUTFLT		4 TY	54 *	55	56	62 *	67	68
E	BUTFLT		68	69	70	70			
E	HARM		3 *	16	18	19	20 *	21	21
E	MANU		40						
E	REDCL		1	2 TY	3 10	13 10	13 10	14 10	
E	TABLOT		1	2 TY	3 10	7 10	7 10		
E	WRTABN		53						
E	WRTABN		2 TY	12 *	13 *	14 *	15 *	22 *	23 *
E	WRTABN		24 *	25 *	46 *	47 *	48 *	49 *	51
EA			18 *	23					
EAB	FROMFS		7 *	31					
EAES	PHSMAG		62	69	73	77			
EAGO	FUSENM		129 *	132	135	144	147		
EALH	CLCO		131 *	139	141	142			
EALFX	CDCL		2 TY	153 *	154	154			
EALI	CLCO		194 *	199	200				
EAM2	CLCO		103 *	108	111	112			
EANG	CDCL		2 TY	152 *	154	154	154		
EANGS	STHENM		74 *	75	76				
EAPHG	JFBGIN		108 *	110	111				
EAPC	FUSENM		37 *	43 *	46 *	69	69	79	79
EAPC	FUSENM		43	106	106				
EAPCH	FUSENM	STAHAN	18 CC	69	69	106	106		
EAPCH	YFINIT	STARAN	12 CC	94 *					
EAPCL	FUSENM	STAHAN	18 CC	79	79				
EAPCL	YFINIT	STARAN	12 CC	93 *					
EAPI	FUSACC		49 *	52	53				
EAPI	FUSACC		51 *	53	54				
EASD	FUSENM		130 *	132	135	145	148		
EAYDG	JFBGIN		104 *	110					
EAYC	AJACUB	STAHAN	20 CC	35 *	37	38			
EAYC	AGUST	STAHAN	21 CC	32	33				
EA1	MATRIX		6 *	11	12	13			
EA2	MATRIX		7 *	13	16	18	21		
EA3	MATRIX		8 *	9	11	21			
EB			19 *	23					
EB	VIND		22 *	23	36				
EBHM	AZMUTH	FLEX	3 CC	127					
EBHM	BMSINT	FLEX	2 CU	51 *					
EBHM	RADRGN	FLEX	2 TY	8 CC	60				
EBHM	ZERO	FLEX	3 CC	112 *					
EBLTA	AZMUTH	ANDUIT	4 CU	137	139				
EBLTA	RADRGN	ANDUIT	2 TY	4 CC	66 *	68	69	70	
EBETA	RADIAL	ANDUIT	2 TY	4 CC	164	166	176		
EBETA	RADLAT	ANDUIT	2 CC	52					
EBETA	AGUST	ANDUIT	2 CC	80	82				
EBETAZ	MNEM	MANAL	4 CC	126 *	127 *				
EBETAZ	VTEEA	MANAL	4 CC	13 *					
EBFAC	AZMUTH	ANDUIT	3 TY	4 CC	112	116	121 10		
EBFAC	SASKAT	ANDUIT	2 CC	36 *					
EBMR	AZMUTH	STAHAN	28 CC	109					
EBMR	RADRGN	STAHAN	2 TY	24 CC	56 *	59 *	59		
EBMR	RADIAL	STAHAN	24 CC	149	150				
EC			20 *	23					
ECHM	AZMUTH	FLEX	3 CC	128	130				
ECHM	BMSINT	FLEX	2 CU	52 *					
ECHM	RADRGN	FLEX	2 TY	4 CC	59				
ECHM	ZERO	FLEX	2 CU	113 *					

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TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
CCGLST	ELMINT		27 *	55	62 *				
CCGNAT	ELMINT		41 *	48 *	55	62			
CD			21 *	23					
CD	CDCL	ANDDIT	157 *	158	158 *	164	192 *	192	
CD	CDCL	ANDDIT	4 TY	5 CD	130 *	106	124 *	125	156 *
CD	CLCD	ANDDIT	194 *	195	195 *	199	200	201 *	206 *
CD	CLCD	ANDDIT	2 CD	55 *	55	164 *	165	191 *	193 *
CD	RADIAL	ANDDIT	3 TY	4 CD	67 *	130	134	135	
CD	RADOUT	ANDDIT	2 CD	25 10	39 10	48	49		
CD	STUFNM	ANDDIT	3 CD	133 *	164	167	168	169	
CD	STUINT	ANDDIT	1 TY	4 CD	65 *				
CD	UNSTCD	ANDDIT	2 TY	4 CD	74	127 *	129		
CD	WING	ANDDIT	3 CD	109	134	113	144	153	163
CDAL	ALLMAT		185	194	214	224			
CDAS	ALLMAT		9 TY	11 *	22	33	45	96	101
CDAD	ALLMAT		133	133	134	142	120	162	185
CDAG	NUMRTF		8 TY	12 *	51	64			
CDAH	PHSMAG		9 TY	13 *	23	40			
CDALS	ALLMAT		9 TY	60	65	226	228		
CDCL	CDCL		1						
CDCL	RADIAL		108 SN	122 SN					
CDCL	UNSTCD		69 SN						
CDHB	INRG	STARAD	16 CC	88 *					
CDHH	RADIAL	STARAD	18 CC	67					
CDIM	STUFNM		119 *	120	123	174	173	182	193
CDIN	WING		72 *	74	77	113	114	134	135
CDLBG	GRPFLT	MANAL	9 CC	63					
CDLBG	LIZE	MANAL	13 CC	137 *					
CDLBG	WING	MANAL	10 CC	153 *					
CDMX	CDCL	ANDDIT	2 TY	5 CC	28 *	125	127	147	158
CDMX	CDCL	ANDDIT	158						
CDMX	CLCD	ANDDIT	2 CD	68 *	166	167	188	193	195
CDMX	CLCD	ANDDIT	195						
CDPSI	SHKINT		24 *	25 *	29				
CDR	RADIAL	STARAN	33 CC	36 *	60 *	92			1
CDR	UNSTCD	STARAN	22 CC	137 *					
CDREF	UNSTCD	STARAN	2 TY	22 CD	72 *	127	130		
CDRBG	GRPFLT	MANAL	4 CC	60					
CDRBG	LIZE	MANAL	13 CC	138 *					
CDRBG	WING	MANAL	10 CC	144 *	160				
CDSF	UNSTCD		2 TY	125 *	126 *	127	137		
CDSQRT	ALLMAT		6 TY	99	157				
CDSQRT	RUTFLT		29						
CDSTR	GRPFLT	STARAN	13 CC	48	51	54	57		
CDSTR	LIZE	STARAN	23 CC	154 *					
CDSTR	STUFNM	STARAN	26 CC	164 *					
CDSX	CDCL		147	154					
CDSX	CDCL		2 TY	127 *	130	135 *	136 *	136	146 *
CDSX	CLCD		191						
CDSX	CLCD		167 *	170	175 *	176 *	176	187 *	188
CDWG	STUFNM	STARAN	26 CC	69	71				
CDWG	WING	STARAN	21 CC	163 *					
CDZ	CDCL	ANDDIT	2 TY	5 CC	25 *	124	130	135	146
CDZ	CDCL	ANDDIT	157						
CDZ	CLCD	ANDDIT	2 CD	65 *	164	170	175	187	194
CDO	WING		174 *	176					
CDOA	WING		173 *	176					
CDI	CDCL	ANDDIT	2 TY	5 CC	26 *	124	128	129	146
CDI	CLCD	ANDDIT	2 CD	66 *	164	168	169	187	
CDZ	CDCL	ANDDIT	146						
CDZ	CDCL	ANDDIT	3 TY	5 CC	27 *	124	132	133	143
CDZ	CLCD	ANDDIT	2 CD	67 *	164	172	173	183	187
CE			22 *	23					
CGBL	CGYAXM	STAMAN	11 CC	40 *	30	32			
CGBL	EXTORS	STAMAN	15 CC	43	50	55	55	57	57
CGBL	EXTORS	STAMAN	52 10	75					
CGBL	FUSINT	STAMAN	12 CC	31 *	40	47 *	47	47	49
CGBL	FUSINT	STAMAN	49	51	51	56			
CGBL	GRPSHP	STAMAN	15 CC	39					
CGBLF	EXTORS		43 *	55	57				
CGBLF	FUSINT		40 *	49	51				
CGSTA	CGXAXM	STRIMA	14 CC	26 *	26	28			
CGSTA	EXTORS	STRIMA	11 CC	42	49	56	56	57	57
CGSTA	EXTORS	STRIMA	58	58	63 10	74			
CGSTA	FUSINT	STRIMA	21 CC	30 *	39	46 *	46	46	50
CGSTA	FUSINT	STRIMA	53	51	51	52	52	55	62
CGSTA	GRPSHP	STRIMA	20 CC	38					
CGSTA	XSTINT	STRIMA	3 CD	26					
CGSTAR	EXTORS		42 *	56	57	58			
CGSTAR	FUSINT		34 *	50	51	52			

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
CGWL	CGZARM	STRIMA	13 CC	28 *	28	30			
CGWL	EXTORS	STRIMA	11 CC	44	51	55	55	56	56
CGWL	EXTORS	STRIMA	58	58	63 IO	76			
CGWL	FUSINT	STRIMA	21 CC	32 *	41	48 *	48	48	49
CGWL	FUSINT	STRIMA	46	50	51	52	52	57	
CGWL	GRNSMP	STRIMA	20 CC	40					
CGWLE	EXTORS		44 *	55	56	58			
CGWLE	FUSINT		41 *	49	51	52			
CGXARM	CGXARM		1						
CGXARM	EXTORS		54 SN						
CGXARM	TILT		58 SN						
CGYAR4	CGYARM		1						
CGYARM	EXTORS		53 SN						
CGYARM	TILT		52 SN						
CGYROM	BASINT	STARAN	20 CC	39 *					
CGYROM	DERIV	STARAN	21 CC	159					
CGYROM	ITHGT	STARAN	23 CC	175					
CGYROM	MODAL	STARAN	20 CC	55					
CGZARM	CGZARM		1						
CGZARM	EXTORS		52 SN						
CGZARM	TILT		48 SN						
CHANGE	READIN		39 NA	46 IO	68 IO	96 IO			
CHC	*RCPTM		35 TY	63 *	64 *	74 *	75 *	76 *	82 *
CHC	*RUPTM		123 IO	124 IO	128 IO				
CHC	*RUPTM		83 *	87 *	84 *	92 *	93 *	128 IO	128 IO
CHC2	WRDPTM		93 *	94 *	128 IO				
CHDINT	CHDINT		1						
CHDINT	INRL		125 SN						
CHDSTR	DUST	STARAN	13 CD	44					
CHDSTR	STRENM	STARAN	20 CC	51	52	166			
CHDSTR	STRZIN	STARAN	14 CC	55 *	66	66			
CHDSTR	VORDST	STARAN	13 CC	51	53	53	54		
CHDSTR	WING	STARAN	11 CC	107					
CHDSTR	WRINST	STARAN	12 CC	48					
CHG	READIN		37 TY	66	94				
CHGSGN	WRPTR		97 *	90					
CHORD	ELMINT	STARAD	12 CC	87					
CHORD	CHDINT	STARAD	11 CC	26 *	27				
CHORD	INRD	STARAD	16 CC	131					
CHORD	RADIAL	STARAD	2 TY	18 CD	57	133			
CHORD	UNSTED	STARAD	102	102	105	106	106	122	129
CHORD	UNSTED	STARAD	129	130	133				
CHORD	UNSTED	STARAD	2 TY	17 CD	57	58	59	63	87
CHORD	*RUPTM	STARAD	20 CC	59					
CL	CDCL	ANDDIT	2 TY	5 CD	104 *	104	135 *	135	113 *
CL	CDCL	ANDDIT	115 *	116	117 *	118 *	119	164	191 *
CL	CDCL	ANDDIT	191						
CL	CLCD	ANDDIT	2 CD	54 *	54	141 *	123 *	124	125
CL	CLCD	ANDDIT	206						
CL	CLCD	ANDDIT	151 *	152	157 *	157	199	203 *	203
CL	RADIAL	ANDDIT	2 TY	4 CD	66 *	110 *	110	115 *	115
CL	RADIAL	ANDDIT	124 *	124	130	134	135		
CL	RADOUT	ANDDIT	2 CD	25 IO	39 IO	45	49		
CL	STRENM	ANDDIT	2 CD	132 *	161 *	161	161	163	167
CL	STRENM	ANDDIT	168	169					
CL	STRINT	ANDDIT	2 TY	4 CD	39 *				
CL	UNSTED	ANDDIT	116 *						
CL	UNSTED	ANDDIT	2 TY	4 CD	73	107 *	138	110	114
CL	WING	ANDDIT	2 CD	138	139	110	143	152	159
CLAMDA	CDCL	ANDDIT	2 TY	5 CC	66	68			
CLAMDA	RADIAL	ANDDIT	3 CD	51 *	113	124			
CLBCL	STRZIN	STARAN	16 CC	93 *					
CLBCL	WING	STARAN	19 CC	175					
CLBL	STRZIN	STARAN	16 CC	92 *					
CLBL	WING	STARAN	19 CC	175					
CLCD	CLCD		1						
CLCD	STRENM		159 SN						
CLCD	WING		105 SN						
CLEMS	JET	MANAL	4 CC	62					
CLL*S	LIFT	MANAL	13 CC	139 *					
CLL*S	WING	MANAL	10 CC	132 *					
CLMX	CDCL		2 TY	62 *	65 *	81	116	117	117
CLMX	CLCD		79 *	83 *	92	93	126	150	
CLMXT	CLCD		150 *	151	151				
CLMXX	CLCD		61 *	78	82				
CLO	STRINT		2 TY	38 *	39	19	64 *	65	65
CLO	STRINT		91 *	92	92				
CLOCK	NUMB	STRIMA	2 CC	7 EQ					
CLOCK	STAB	STRIMA	20 CC	117					
CLOCK	SWAS	STRIMA	11 CC	35					

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS					
CLOCK	XCLNIN	STRING	14 CC	87 *				
CLP	STPZIN	STARAN	16 CC	95 *				
CLP	WING	STARAN	19 CC	175				
CLR	STRZIN	STARAN	16 CC	94 *				
CLR	WING	STARAN	19 CC	175				
CLRADK	AZMDIT	STARAD	12 CC	35				
CLRADK	AZMLTH	STARAD	2 TY	22 CO	39	44	48	
CLRADK	LOCINT	STARAD	16 CC	45 *	46 *	48 *	49 *	
CLRADK	UNSTED	STARAD	3 TY	17 CO	26	84	128	
CLRADK	WROPTM	STARAD	20 CC	73	76			
CLREF	UNSTED	STARAN	2 TY	22 CO	73 *	81	112	
CLRWG	GRPELT	MANAL	4 CC	59				
CLRWG	LIZE	MANAL	13 CC	140 *				
CLRWG	WING	MANAL	15 CC	143 *	159			
CLSTB	GRPELT	STARAN	13 CC	47	50	53	56	
CLSTR	LIZE	STARAN	23 CC	157 *				
CLSTR	STRENM	STARAN	26 CC	163 *				
CLT	CLCD		125 *		126			
CLWG	STRENM	STARAN	26 CC	54	58	64		
CLWG	WING	STARAN	21 CC	159 *	175	175	176	176
CLZ	CLCD	ANDOIT	2 CO	78 *	79	82 *	83	104
CM	COCL	ANDOIT	190	193 *	193			
CM	COCL	ANDOIT	187 *	188 *	188	189 *	189	190
CM	COCL	ANDOIT	5 TY	5 CC	107 *	107	190 *	194 *
CM	CLCD	ANDOIT	230 *	230	231 *	231	232	232 *
CM	CLCD	ANDOIT	2 CO	56 *	56	202 *	206 *	226 *
CM	RADIAL	ANDOIT	133					
CM	RADIAL	ANDOIT	2 TY	4 CC	68 *	116 *	116	131 *
CM	RADLDT	ANDOIT	2 CC	25 IO	29 IO	50		
CM	STRENM	ANDOIT	3 CC	134 *	165	166		
CM	STRING	ANDOIT	3 TY	4 CO	92 *			
CM	UNSTED	ANDOIT	3 TY	4 CC	74	117 *	129 *	
CM	WING	ANDOIT	2 CC	107	145	154		
CMCALC	CMCALL		1					
CMCALC	RADIAL		113 SN					
CMCL	UNSTED		110 *		129	131		
CMCLR	UNSTED		2 TY	113 *	129	131		
CMLWG	GRPELT	STARAN	13 CC	64				
CMLWG	LIZE	STARAN	23 CC	142 *				
CMLWG	WING	STARAN	21 CC	154 *				
CMPLX	ERORES		10		12	14	20	25
CMREF	UNSTED		2 TY	74 *	117	129		
CMRWG	GRPELT	STARAN	13 CC	61				
CMRWG	LIZE	STARAN	23 CC	141 *				
CMRWG	WING	STARAN	21 CC	145 *				
CMSTB	GRPELT	STARAN	13 CC	49	52	55	58	
CMSTR	LIZE	STARAN	23 CC	159 *				
CMSTR	STRENM	STARAN	26 CC	165 *				
CMTL			2 TY	5 TY				
CMTL	CLCD		6 TY	22 IO	23 IO	40 IO	41 IO	
CN	RADIAL	ANDOIT	5 CC	130 *	141			
CN	RADLDT	ANDOIT	3 CC	47				
CNBLL	STRZIN	STARAN	16 CC	97 *				
CNBLL	WING	STARAN	19 CC	176				
CNBL	STRZIN	STARAN	16 CC	96 *				
CNBL	WING	STARAN	19 CC	176				
CNPCD1	STRZIN	STARAN	17 CC	101 *				
CNPCD1	WING	STARAN	20 CC	176				
CNPCL	STRZIN	STARAN	16 CC	100 *				
CNPCL	WING	STARAN	19 CC	176				
CNPSI	AZMINT	FORWK	7 CC	36 *	38	39 *	39	
CNPSI	STRANG	FORWK	3 TY	3 CC	14	25	34	41
CNPSI	STRWAK	FORWK	3 CC	39	42	47	52	
CNRCD	STRZIN	STARAN	16 CC	99 *				
CNRCD	WING	STARAN	19 CC	176				
CNRCL	STRZIN	STARAN	16 CC	98 *				
CNRCL	WING	STARAN	19 CC	176				
CNSHRC	SHRCTL	STARAN	18 CC	36	35			
CNSHRC	SHRINT	STARAN	16 CC	43 *				
CNTGRP	GRPCNT	STARAN	43 *	44 *	44 *	46 *	47 *	48 *
CNTGRP	GRPCNT	STARAN	29 *	30 *	31 *	32 *	33 *	34 *
CNTGRP	GRPCNT	STARAN	50 *	51 *	52 *	53 *	54 *	55 *
CNTGRP	GRPCNT	STARAN	17 CC	23 *	24 *	25 *	26 *	27 *
CNTGRP	GRPCNT	STARAN	56 *	56 *	60 *	67 *	68 *	69 *
CNTGRP	GRPCNT	STARAN	76	76	77 *	77	77	77
CNTGRP	GRPCNT	STARAN	78 *	78	78	78		
CNTGRP	GRPCNT	STARAN	71 *	72 *	73 *	73	73	73
CNTGRP	GRPCNT	STARAN	75	75	75	76 *	76	76
CNTGRP	GRPCNT	STARAN	57 *	58 *	59 *	60 *	61 *	62 *
CNTGRP	GRPCNT	STARAN	73	74 *	74	74	74	74

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS					
CNTGRP	GRPCNT	STAMAN	36 *	37 *	38 *	39 *	40 *	41 *	42 *
CNTGRP	#KIMNV	STAMAN	2 CC	40 EQ					
CNTM	CNTM		1						
CNTM	VARI		92 SA						
CNTUR	AZMUTH	TOPLOT	2 TY	10 CO	69 *	70 *	71 *	72 *	
CNTUR	RADIAL	TOPLOT	10 CC	186					
CNTUR	RADCOT	TOPLOT	20 CC	42					
COA	CLCO		112 *	113	118	142 *	143	148	
COEF	MAAM		1	16	17				
COEF	COADT		80 *	81	85 SA	92 SA	95 SA	96 SA	97 SA
COEF	COADT		98 SA	99 SA	129 SA	130 SA	140 SA	141 SA	142 SA
COEF	WRMMTV		1	7 SA					
COEFDG	STHFNM	STAMAN	26 CC	105	105				
COEFDG	STHZIN	STAMAN	18 CC	42 *	43 *				
COEFDG	WING	STAMAN	21 CC	58	58				
COEFDW	STHZIN	STAMAN	18 CC	46 *	47 *	48 *			
COEFDW	WSHOUF	STAMAN	4 CC	17	17	17			
COEFF	ALSTAB		67 *	82 SA					
COEFF	NUMRTF		1	91					
COEFLT	STHFNM	STAMAN	26 CC	104	104				
COEFLT	STHZIN	STAMAN	18 CC	38 *	39 *				
COEFLT	WING	STAMAN	21 CC	57	57				
COEFPT	STHFNM	STAMAN	26 CC	106	106				
COEFPT	STHZIN	STAMAN	18 CC	44 *	45 *				
COEFPT	WING	STAMAN	21 CC	59	59				
COEFSW	STHZIN	STAMAN	18 CC	49 *	50 *				
COEFSW	WSHOUF	STAMAN	4 CC	18	18				
COEFXL	STHFNM	STAMAN	26 CC	107	107				
COEFXL	STHZIN	STAMAN	18 CC	40 *	41 *				
COEFXL	WING	STAMAN	21 CC	60	63				
COG	ALLMAT		6 TY	127 *	133	142	152		
COLLL	BMSINT	STAMAN	18 CC	59 *					
COLLL	INTERQ	STAMAN	2 TY	15 CO	21	21			
COLLL	MODAL	STAMAN	18 CO	79 IO	79 IO	81 *	81		
COLLL	ZERO	STAMAN	15 CC	36 *					
COLLU	BMSINT	STAMAN	18 CO	60 *					
COLLU	INTERQ	STAMAN	2 TY	15 CO	21				
COLLU	MODAL	STAMAN	18 CO	79 IO	79 IO	82 *	82		
COLLU	ZERO	STAMAN	15 CC	35 *					
COLS	STAB		32 *	125	133				
COLSTK	ANAL	MANAL	10 CO	31 EQ					
COLSTK	CONSTB	MANAL	3 CO	22 EQ					
COLSTK	GRPCNT	MANAL	13 CC	27					
COLSTK	INSTAB	MANAL	5 CO	32 EQ					
COLSTK	JERGIN	MANAL	5 CO	29 EQ	85 *				
COLSTK	LIZE	MANAL	12 CC	44					
COLSTK	STAB	MANAL	3 CC	32	126 *	130 *			
COLSTK	SUPERP	MANAL	3 CC	79 *	79				
COLSTK	SWAS	MANAL	3 CC	16 EQ					
COLSTK	VARI	MANAL	8 CO	75 *	75				
COLSTK	ZLLCAL	MANAL	3 CO	16 EQ					
COMTS	READIN		2 TY	3 EQ	67 IO	95 IO			
COMTS	READIO		6 TY	9 EQ	16 IO	30 IO	44 IO		
CONO1	AJALOB	STAMAN	16 CO	116	117	118	118		
CONO1	LOAR	STAMAN	2 CC	32	32				
CONO1	FOCUS	STAMAN	12 CC	36 SA					
CONO1	INSTAB	STAMAN	13 CC	48	51 *	51	69 *	74 *	146 *
CONO1	ITEM	STAMAN	14 CC	64	64	111	111		
CONO1	JACOBI	STAMAN	8 CO	24	49 *				
CONO1	LOCINT	STAMAN	18 CC	63 *					
CONO1	MAAL		1	59					
CONO1	POPPOD	STAMAN	13 CC	39					
CONO1	STAB	STAMAN	9 CO	27	88 *	110 *			
CONO1	START	STAMAN	20 CC	56					
CONO1	#NTRIM	STAMAN	10 CO	26	26				
CONO1S	INSTAB		48 *	74	146				
CONO1S	JACOBI		24 *	49					
CONO1S	STAB		27 *	110					
CONO2	AZMUTH	STAMAN	28 CC	101	113				
CONO2	INSTAB	STAMAN	17 CO	49	50	70 *	71 *	75 *	76 *
CONO2	JACOBI	STAMAN	12 CC	25	26	50 *	51 *		
CONO2	LOCINT	STAMAN	22 CC	66 *	67 *	67	68 *	69 *	69
CONO2	ROTAN	STAMAN	22 CC	42	45	49			
CONO2	STAB	STAMAN	13 CC	28	29	89 *	90 *	111 *	112 *
CONO2	TRIM	STAMAN	110 *						
CONO2	TRIM	STAMAN	20 CO	99	100	104	104 *	105	109 *
CONO21	INSTAB		49 *	75					
CONO21	JACOBI		25 *	50					
CONO21	STAB		28 *	111					
CONO21	TRIM		99 *	109					

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
CONO22	INSTAB		50 *	76					
CONO22	JACOBI		26 *	51					
CONO22	STAB		26 *	112					
CONO22	TRIM		100 *	110					
CONO3	AFTREM	STRIAN	24 CO	38	38	39			
CONO3	LGCINT	STRIAN	24 CO	64 *					
CONING	BKUPTM		65 *	68 *	68	78			
CONJG	PROBES		7						
CONLCK	NUMB		6 TY	7 EQ	19 *				
CONST	LOADT		81 *	82	83				
CONSTR			61 SN	69 SN	86 SN				
CONSTR	CONSTR		1						
CONTRM			46 SN	51 SN	67 SN	84 SN			
CONTRM	CONTRM		1						
CORIDL	AZMINT	ANDOIT	3 CO	78 *					
CORIDL	AZMUTH	ANDOIT	2 TY	5 CO	112	118	121 10		
CORIDL	RADIAL	ANDOIT	2 TY	5 CO	184 *	184			
CORR	CORR		1						
CORR	ITRIM		134 SN						
CORRX	CORR		1	15 TY	33 *	33	34 10		
CORRX	ITRIM		78 TY	130 SA	136	138 SA			
COS	AJACOB		35	39	60				
COS	AZMUTH		80	85					
COS	COEL		113	117	132	153	164		
COS	CLCO		42	103	133	198	206		
COS	DERIV		134						
COS	FLORM		31						
COS	FUSACC		49	51					
COS	FUSFNM		40						
COS	INRC		43	92	108				
COS	JFNSIN		106	108					
COS	LOADT		83						
COS	MATMIX		6	7	8				
COS	NNEW		110	126	127				
COS	NOPS		16	39					
COS	PRETVT		77						
COS	QSHOPT		26	39					
COS	QUAN		78						
COS	RADIUN		66						
COS	RADIAL		51	52	129	142			
COS	RVRGST		39						
COS	SHKCTL		33	56					
COS	SHKINT		35	48					
COS	STUFNM		67	71	74	117			
COS	STRZIN		35	67					
COS	TILT		25	26					
COS	TIMEP		37	50					
COS	TVTRIM		224						
COS	UNSTED		75	127	129	131			
COS	VART		55	65	144				
COS	VORGST		76						
COS	VTOFA		13						
COS	WING		75	167	170				
COS	WSHOUF		23	25					
COS	XCGNIN		69	73	77	81			
COS	YFINIT		93	94					
COS	YSINIT		21	25					
COSA	FUSFNM		134	137					
COSA	FUSFNM		49 *	59 *	63	65	91	128	130
COSA	RGUST		32 *	36 *	39	79	81		
COSA	STUFNM		129 *	148 *	167	168	169	177	
COSA	WING		97 *	35 *	108	109	110	129	
COSA	XSTORE		43 *	45	49 *	51	55	62	64
COSALF	RADIAL	ANDOIT	5 CO	129 *	130				
COSALF	RADCOT	ANDOIT	1 CO	49					
COSAP	WING		170 *	171	172	177	178		
COSA2	FUSFNM		104						
COSA2	FUSFNM		63 *	93	98	99	101	102	103
COSA2	XSTORE		95 *	59	60				
COSH	FUSFNM		133	136					
COSH	FUSFNM		48 *	55 *	64	66	68	128	129
COSH	STUFNM		130 *	146 *	167	178			
COSH	WING		99 *	92 *	108	130			
COSH	XSTORE		41 *	52	56	58	61	63	
COSH2	FUSFNM		64 *	92	93	98	100	101	
COSH2	XSTORE		56 *	59					
COSOIH	MODES	STAPAN	11 CO	34	35				
COSOIH	STUFNM	STAPAN	26 CO	119					
COSOIH	STRZIN	STAPAN	18 CO	35 *					
COSOIH	WING	STAPAN	21 CO	72					

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
COSOWS	STHENM	STARAN	26 CC	46	49				
COSOWS	WING	STARAN	21 CC	32	35				
COSOWS	WSHDUF	STARAN	4 CC	23 *					
COSE	DOPFOD	MANAL	12 CC	37					
COSE	HRESP	MANAL	9 CC	92					
COSE	INRT3	MANAL	9 CC	64 *	65 *				
COSE	NOPS	MANAL	5 CC	39 *	40 *	40			
COSGAM	INRC	STARAN	16 CC	92 *					
COSGAM	RADIAN	STARAN	2 TY	18 CC	73	74			
COSGAM	RADIAL	STARAN	18 CC	74	157	158	160		
COSIY	AZMINT		32 *	36	38	39	44	47	
COSL	UNSTLO		132	132	133				
COSL	UNSTLO		2 TY	75 *	77 *	81	109	109	110
COSPH2	WSHDUF		1	20	21				
COSSFA	FOCUS	STRIMA	19 CC	24					
COSSFA	XCONIN	STRIMA	15 CC	64 *	69 *	77 *			
COSSLT	FOCUS	STRIMA	19 CC	24					
COSSLT	XCONIN	STRIMA	15 CC	65 *	73 *	81 *			
COSSWS	STHENM	STARAN	26 CC	47	48				
COSSWS	WING	STARAN	21 CC	33	34				
COSWS	WSHDUF	STARAN	4 CC	25 *					
COSTH2	FUSENM		109	156 SA					
COSTH2	FUSENM		80 *	82	83	84	85	86	87
COSTP	SHKCTL		42 *	43					
COSYAW	WING		167 *	176	176				
COSZLL	STHENM		117 *	121	122	170	171	180	181
COSZLL	WING		70 *	75	76	111	112	132	133
COS1	TIMLP		47 *	45	45	46	52		
COS2	TIMLP		50 *	52					
CP	DERIV		154 *	154	157	163			
CP	HRESP		69 *	70	71				
CP	ITRCT		169 *	172	173	180			
CP	MNEM		110 *	114					
CP	PRETVT		77 *	79	80	82			
CPCYDG	JFLGIN	STAMAN	11 CC	110 *					
CPCYDG	VGUNS	STAMAN	9 CC	22					
CPITCH	SMAS	STRIMA	12 CC	27	29				
CPITCH	TILT	STRIMA	12 CC	21	29				
CPITCH	XCONIN	STRIMA	15 CC	40 *					
CPLL	AZMUTH	STARAN	27 CC	131					
CPLL	OMSINT	STARAN	20 CC	37 *					
CPP	HRESP		71 *	74	75 *	75	77		
CPS	POSMAG		33 *	53 10					
CPSI	AZMINT	ANDCIT	2 CC	31 *	32	33	51	52	53
CPSI	AZMINT	ANDCIT	55	84	88	90			
CPSI	AZMUTH	ANDCIT	2 TY	4 CC	76	77	82	83	140
CPSI	AZMUTH	ANDCIT	141	142	151	152			
CPSI	COUNT	ANDCIT	2 CC	32	33	36			
CPSI	SHKCTL	ANDCIT	2 CC	34	35	42	45		
CPSIB	HRESP	STARAN	14 CC	73	71	74	75		
CPSIB	INRC	STARAN	18 CC	43 *					
CPSIL	AZMINT	MANAL	11 CC	31					
CPSIL	DERIV	MANAL	10 CC	134 *	149 *	154			
CPSIL	FLDRM	MANAL	9 CC	31 *					
CPSIL	HRESP	MANAL	8 CC	52	69	96			
CPSIL	ITRCT	MANAL	13 CC	169					
CPSIL	MNEM	MANAL	9 CC	114 *					
CPSIL	MPRTN	MANAL	3 CC	43	44				
CPSIL	NOPS	MANAL	4 CC	16 *					
CPSIL	POPFOD	MANAL	40	80					
CPSIL	POPFOV	MANAL	8 CC	63	63	65	65	78	78
CPSIL	QUAN	MANAL	7 CC	78 *					
CPSIL	SHKTYL	MANAL	8 CC	33	34				
CPSIL	TILT	MANAL	4 CC	47					
CPSIL	TVTRIM	MANAL	14 CC	224 *					
CPSIY	AZMINT	STARAN	29 CC	32	33				
CPSIY	AZMUTH	STARAN	27 CC	90 *					
CPSO	AZMINT		34 *	46	46				
CPSYDG	JFLGIN	STAMAN	11 CC	111 *					
CPSYDG	VGUNS	STAMAN	8 CC	33					
CRANGE	INSTAB	STRIMA	25 CC	148	149	150			
CRANGE	SMAS	STRIMA	12 CC	27	29				
CRANGE	TILT	STRIMA	12 CC	20	29	32			
CRANGE	TRIM	STRIMA	26 CC	38	39	40			
CRANGE	VART	STRIMA	17 CC	79	83	87			
CRANGE	XCONIN	STRIMA	15 CC	41 *					
CRETRO	FOCUS	STARAN	16 CC	31	34				
CRETRO	GNPNTR	STARAN	19 CC	32	23	40	41		
CRETRO	INRC	STARAN	22 CC	138 *					
CRETRO	ITRCT	STARAN	24 CC	163	164				

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS					
CPLN1G	SWAS	STAMAN	9 CC	42	44	99	91	
CPLN1G	TILT	STAMAN	7 CC	18 *	20 *			
CRM	COLL	ANDDIT	2 TY	5 CC	23 *	70	120	
CRM	CLCO	ANDDIT	2 CO	63 *	94	160		
CSDLFL	STRFNM	STARAN	26 CC	100				
CSDLFL	STRZIN	STARAN	18 CC	37 *				
CSDLFL	WING	STARAN	21 CC	53				
CSH	AZMUTH	STARAN	24 CC	129				
CSH	RMSINT	STARAN	17 CC	42 *				
CSH	DERIV	STARAN	18 CC	159				
CSH	ITHCT	STARAN	20 CC	175				
CSH	MODAL	STARAN	17 CC	50				
CSHO	AZMUTH	STARAN	2 TY	24 CO	112	117	121 IO	
CSHO	MODAL	STARAN	17 CC	53 *				
CSHO	AZMUTH	STARAN	24 CC	126				
CSHL	RMSINT	STARAN	17 CC	35 *				
CSHL	ZERC	STARAN	14 CC	103 *				
CSTCMP	SMACTL		18 TY	30 *	36	38	42	45	49
CSTU	RMSINT	STRIMA	20 CC	53 *				
CSTU	INRTR	STRIMA	21 CO	29 *				
CSTU	RADIAL	STRIMA	27 CC	153				
CSTL	ZERC	STRIMA	24 CC	114 *				
CSV	RMSINT	STARAN	17 CC	40 *				
CSV	DERIV	STARAN	18 CC	159				
CSV	ITHCT	STARAN	20 CO	175				
CSVC	AZMUTH	STARAN	24 CC	125				
CSVC	RMSINT	STARAN	17 CC	36 *				
CSVO	ZERC	STARAN	14 CC	132 *				
CT	ITHCT	STARAN	20 CC	59 *	60 *			
CT	MNEM	STARAN	16 CC	66 *	75 *			
CT	WIND	STARAN	13 CO	18	22			
CTPLOT	RADOUT	MANAL	10 CC	43 *	44 *	45 *	46 *	47 *	48 *
CTPLOT	RADOUT	MANAL	49 *	50 *	51 *	52 *	53 *	54 *	55 *
CTPLOT	RADOUT	MANAL	55	56 *	57 *	58 *	59 *	60 *	61 *
CTPLOT	RADOUT	MANAL	62 *	63 *	64 *	65 *			
CTPLOT	SAVTHS	MANAL	6 CO	13 EQ					
CTPLOT	ZERC	MANAL	11 CC	85 *					
CTZ	RADIAL		142 *	146 *	149	150			
CURV	#KOPTN		37 TY	54					
CURVE	TABINT		1	2 TY	6	15	16	25	34
CURVE	TABINT		35	39	39	39			
CURVED	PTHCUT	ATARCD	3 CO	29 SA	32 SA				
CURVED	RELATH	ATARCD	3 CC	15 SA					
CURVED	RESTRT	ATARCD	4 CO	109 IO	114 IO				
CURVED	STBINT	ATARCD	64	64	64	65	65	65	65
CURVED	STBINT	ATARCD	2 TY	9 CC	43	49	49	49	55
CURVED	STBINT	ATARCD	65	65					
CURVEL	PTHCUT	ATABCL	4 CO	20 SA	23 SA				
CURVEL	RELATH	ATABCL	4 CO	14 SA					
CURVEL	RESTRT	ATABCL	5 CO	109 IO	114 IO				
CURVEL	STBINT	ATABCL	38	38	38	39	39	39	39
CURVEL	STBINT	ATABCL	2 TY	10 CO	17	23	23	23	29
CURVEL	STBINT	ATABCL	39	39					
CURVEL	TAUFIN		1	2 TY	5	30	32		
CURVEM	PTHCUT	ATABCM	5 CO	38 SA	41 SA				
CURVEM	RELDAT3	ATABCM	5 CC	16 SA					
CURVEM	RESTRT	ATABCM	6 CO	109 IO	114 IO				
CURVEM	STBINT	ATABCM	2 TY	11 CO	69	76	76	76	82
CURVEM	STBINT	ATABCM	92	92					
CURVEM	STBINT	ATABCM	91	91	91	92	92	92	92
CVFAC	AZMINT	ANDDIT	2 CO	77 *					
CVFAC	AZMUTH	ANDDIT	2 TY	4 CO	112	116	121 IO		
CVFAC	RADIAL	ANDDIT	2 TY	4 CO	182 *	182			
CWGZLL	STRFNM	STARAN	26 CC	51	53				
CWGZLL	STRZIN	STARAN	18 CC	67 *					
CYCH	RMSMAG		38 *	47 *	53 IO				
CYCOLL	RDPPDD	STARAD	16 CO	21 *					
CYCOLL	RMSINT	STARAD	15 CO	31 *					
CYCOLL	RRESP	STARAD	12 CC	23					
CYCOLL	INRC	STARAD	16 CO	145	153 *				
CYCOLL	INRTR	STARAD	12 CC	34	48	49			
CYCOLL	LOADT	STARAD	20 CC	114					
CYCOLL	MODAL	STARAD	15 CO	43					
CYCOLL	MPLNTL	STARAD	5 CC	32					
CYCOLL	MPRTR	STARAD	4 CC	20					
CYCOLL	RADIAL	STARAD	18 CO	170					
CYSKID	INSCAS	STAMAN	8 CC	21 *					
CYSKID	SCASIT	STAMAN	10 CO	19					
CYSKID	TIMLP	STAMAN	10 CC	68 *					
CYSKID	VANI	STAMAN	13 CC	79 *					

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TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
CYSK2D	INSCAS	STAMAN	8 CO	22 *					
CYSK2D	SCASIT	STAMAN	10 CO	27					
CYSK2D	TIMLP	STAMAN	13 CO	67 *					
CYSK2D	VARI	STAMAN	13 CO	83 *					
CYSTK1	GRPCNT	MANAL	10 CO	36					
CYSTK1	JPLGIN	MANAL	5 CO	36 *					
CYSTK1	LIZE	MANAL	12 CO	45					
CYSTK1	SUPERP	MANAL	3 CO	80 *	80				
CYSTK1	VARI	MANAL	4 CO	78 *	78				
CYSTK2	GRPCNT	MANAL	10 CO	45					
CYSTK2	JPLGIN	MANAL	6 CO	87 *					
CYSTK2	LIZE	MANAL	12 CO	46					
CYSTK2	SUPERP	MANAL	3 CO	81 *	81				
CYSTK2	VARI	MANAL	4 CO	82 *	82				
CYL	YFINIT		17 TY	19 TY	50	52			
CYL	YFINIT		17 TY	19 TY	56	57	58		
CZET	SWAS	MANAL	3 CO	41	44	54	56	58	60
CZET	SWAS	MANAL	61	61	62	62	73	77	79
CZET	SWAS	MANAL	80	88	91				
CZET	TILT	MANAL	3 CO	17 *	25 *				
C1	OUTFLT	FLTRCM	2 CO	3 TY	69 *				
C1	FILTER	FLTRCM	2 CO	3 TY	29	45			
C1	HARM		1	18	19				
C1	LOADT		99 SA	129 SA	130 SA	140 SA	141 SA	142 SA	
C1	LOADT		83 *	85 SA	92 SA	95 SA	96 SA	97 SA	98 SA
C1	WKTABN		3 *	6	7	33 *	36	37	43 *
C1	WKTABN		46	47	51 *	53 *	53	54	
C1	WRDMTV		1	7 SA					
C1C3	MATRIX		11 *	15	17				
C1S3	MATRIX		12 *	14	23				
C2	OUTFLT	FLTRCM	2 CO	3 TY	70 *				
C2	FILTER	FLTRCM	2 CO	3 TY	45				
C2	HARM		4 *	11	21 *				
C2	WKTABN		4 *	6	8	34 *	36	38	44 *
C2	WKTABN		47	48					
C3	CLCD		199 *	201					
C3	WKTABN		5 *	7	8	35 *	37	38	45 *
C3	WKTABN		48	49					
D			11 *	14	16	17	21	22	
D	MPRTR		21						
D	PUNCH		53 *	64 *	70 10	74 *	77 10		
D	PUNCH		15 TY	27 *	30 *	33 *	39 10	44 *	49 10
DA	AUXJET		15 *	18	19	24			
DA	FLDRM		15 *	19	20	22	26		
DA	MTLT		1	15	25				
DA	SIVAN		38 *	40 *	42 *	43	44		
DA	VARI		78	82	86	89	96 SA	134 *	136 SA
DA	VARI		145 *						
DA	VARI		47 *	52	56	60	64	69	75
DA	VTHFA		1	11					
DA	WRVP		23 *	24 *	25 *	27			
DABS	INVERS		13						
DABS	NUMRTF		66						
DABS	PHSMAG		22						
DALFST	CDCL	ANDDIT	3 TY	6 CO	49	80	84	87	91
DALFST	RADIAL	ANDDIT	5 CO	101 *	106 *	118 *			
DALFST	UNSTED	ANDDIT	96	98					
DALFST	UNSTED	ANDDIT	2 TY	5 CO	27 *	34 *	58 *	63 *	66 *
DAMP	CDCL		83 *	87 *	88				
DAMP	PHSMAG		39 *	48 *	53 10				
DAMPER	DAMPER		1						
DAMPER	INSTAB		47 SN						
DAMPER	ITRIM		58 SN	94 SN					
DAMPER	TRIM		83 SN						
DAMPLK	AZMINT	STARAN	23 CC	63					
DAMPLK	INRC	STARAN	21 CC	89 *					
DAMPLL	AZMINT	STARAN	21 CO	63					
DAMPLL	INRC	STARAN	19 CO	80 *					
DAMPM	AZMUTH	STARAN	24 CC	133					
DAMPM	RMSINT	STARAN	17 CO	34 *					
DAMPM	RNESP	STARAN	14 CO	32					
DAMPT	ITERIN	STRIAD	20 CO	94 *	96 *	97	97 *	103 *	104 *
DAMPT	ITRIM	STRIAD	20 CO	92					
DAMPT	MBAL	STRIAD	12 CO	24	24	59 10	65 10		
DAMPT	START	STRIAD	26 CC	56 10					
DAPC	FUSPNN	STARAN	18 CC	80					
DAPC	YFINIT	STARAN	12 CO	91 *	92				
DASTCM	CDCL	STARAN	2 TY	20 CO	48	50			
DASTCM	RADIAL	STARAN	23 CC	119 *					
DASTCM	UNSTED	STARAN	2 TY	22 CO	23 *	35 *	59 *	60 *	63

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
CASTCM	UNSTED	STARAN	64 *						
CATL			27 SN						
CAVSCL	CMCALC		2 TY	10 TY	13 TY	113			
CA1	MBAL		31 *	33	37	40	53 *	55	57
CA1	MBAL		59 IO	65 IO					
CBAR	CDCL		2 TY	178 *	181 *	184	187		
CBAR	CLCD		223 *	223 *	226	229			
CBASCL	CMCALC		2 TY	10 TY	13 TY	121			
CBEF	INRC	STARAD	16 CC	83 *	84				
CBLF	RADIAL	STARAD	18 CC	114					
CBEFI	INFO	STARAN	21 CC	84 *					
CBEFI	RADIAL	STARAN	23 CC	114					
CBLCG	CGYARM	STARAN	11 CC	19 *	19				
CBLCG	LILE	STARAN	18 CC	123 *					
CBLCG	TILT	STARAN	8 CC	51					
CBMS	LOADT		104 *	109	112				
CB1	MBAL		32 *	34	41	46	54 *	56	58
CB1	MBAL		59 IO	65 IO					
CCAFR	INRC	STARAN	18 CC	80 *					
CCAFR	SWSHAT	STARAN	18 CC	74					
CCAFXR	ITMOT	ANDOIT	3 CC	79					
CCAFXR	SWSHAT	ANDOIT	3 CC	78 *					
CCDFP	CLCD	ANDOIT	3 CC	55	164	170			
CCDFP	STRFNM	ANDOIT	3 CC	105 *	112 *				
CCDFP	WING	ANDOIT	3 CC	58 *	65 *				
CCL	AZMUTH	ANDOIT	4 CC	32 *					
CCL	RADIAL	ANDOIT	4 CC	114 *	115				
CCL	RADOUT	ANDOIT	2 CC	39 IO	46				
CCL	UNSTED	ANDOIT	4 CC	108 *	110 *	111 *	111	112 *	114
CCLFP	CLCD	ANDOIT	3 CC	94	112	123	125	142	150
CCLFP	STRFNM	ANDOIT	3 CC	104 *	111 *				
CCLFP	WING	ANDOIT	3 CC	57 *	64 *				
CCLXFP	CLCD	ANDOIT	3 CC	78	82				
CCLXFP	STRFNM	ANDOIT	3 CC	107 *	114 *				
CCLXFP	WING	ANDOIT	3 CC	60 *	67 *				
CCM	AZMUTH	ANDOIT	4 CC	33 *					
CCM	CMCALC	ANDOIT	121	123 *	123				
CCM	C4CALC	ANDOIT	2 TY	4 CC	115 *	116 *	116	121 *	121
CCM	RADIAL	ANDOIT	4 CC	116					
CCM	RADOUT	ANDOIT	2 CC	39 IO	51				
CCM	UNSTED	ANDOIT	4 CC	130 *	135 *	135			
CCMC	UNSTED		131 *	133 *	133	134 *	134	135	
CCMFP	CLCD	ANDOIT	3 CC	56	231				
CCMFP	STRFNM	ANDOIT	3 CC	106 *	113 *				
CCMFP	WING	ANDOIT	3 CC	59 *	66 *				
CCMPLX	ALLMAT		6 TY	126	126	214	224	230	
CCMPLX	ALSTAB		17 TY	69	73				
CCMPLX	HITFLT		16	26					
CCMPLX	NUMSTF		7 TY	41	42	66			
CCMPLX	PHSMAG		7 TY	22					
CCMPLX	SWAP		6 TY	52	53				
CCOL	STAB		31 *	123	135 *	125	126	134 IO	
CCOLL	RMSINT	STARAN	18 CC	67 *					
CCOLL	INTERG	STARAN	2 TY	15 CC	21				
CCOLL	ZERO	STARAN	15 CC	37 *					
CCONJG	ALLMAT		6 TY	11	127	128			
CCONJG	HITFLT		34						
CCONJG	NUMSTF		7 TY	12					
CCONJG	PHSMAG		7 TY	13					
CCOS	HITFLT		25	69					
CD	CDCL		136						
CD	CDCL		2 TY	121 *	122	122 *	124	129	131
CD	CLCD		161 *	162	162 *	164	169	171	176
CD	INIT		61 *	62 *	64				
CD	MAG		1	16	18	20			
CD	WING		116 *	121 SA	135 SA				
CD	WHERE		19 *	20 *	22				
CD	YRINIT		6 *	7 *	8 *	10			
CD	YSINIT		7 *	9 *	9 *	11			
CEG01	DAMPEN		9 TY	13					
CEG01	MBAL		17 TY	31	32				
CELAC	RADIAL	STARAD	18 CC	140					
CELOLD	MPHTH		18 *	19 *	28	36	43 *	44 *	47 *
CELOLD	MPHTH		48 *	51 *	62	70	79 *	80 *	82
CELFUS	TIMEJS		45 *	46 *	47				
CELIMI	SUPERP		13 *	14					
CELIMP	SUPERP		14 *	74	80	81	82		
CELJT	ANAL	STRIMA	26 CC	78	79				
CELJT	JPROIN	STRIMA	24 CC	43					
CELJT	XCOMIN	STRIMA	15 CC	43 *					

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS					
DELW	DDFEQD		34 *	35 *	37	37		
DELWVL	XPCNTL		1	7 TY	18 *	29 *	30 *	
DELWVL	TIMEQD		32 TY	33 SA	57			
DELSTB	INSTAB	STRIMA	24 CC	45				
DELSTB	ITERIN	STRIMA	23 CC	98 *	99	99 *		
DELSTM	ZLLCAL		44 *	47 *	47	48	49	
DELTA3	AZMINT	STAHAR	21 CC	89				
DELTA3	OPPATH	STAHAR	16 CC	22	23	40	41	
DELTA3	INFO	STAHAR	14 CC	86 *	87 *			
DELTA	NUMS		37 *	38 *	39			
DELT2	DERIV	MANAL	10 CC	41	43	43		
DELT2	MANU	MANAL	9 CC	62 *	67 *	71		
DELTR	DSCDPR	MANAL	10 CC	30				
DELTR	TVTRIM	MANAL	14 CC	190 *	194 *	201	204	
DELTRR	MANU	MANAL	9 CC	63 *	67 *			
DELT2A	DSCDPR	MANAL	10 CC	37	39			
DELT3R	TVTRIM	MANAL	14 CC	191 *	195 *			
DEN	YRINIT		29 *	33				
DEN	YSINIT		38 *	39				
DENOM	MSAL		49 *	53	53	54	54 10	65 10
DEPU	DAMPCR	STRIAB	2 CC	10 *				
DEPU	JACOBI	STRIAB	14 CC	42	45	53	59	
DEPLOY	FXTORS	STRIMA	12 CC	24 *	24	25 *	25	
DEPLOY	XSTINT	STRIMA	8 CC	24 *	25 *			
DEPLOY	XSTORE	STRIMA	9 CC	57				
DERIV	DERIV		1					
DERIV	MANU		74 SA					
DESFNM	AJACOB	STRIAB	62 CC	45				
DESFNM	ITERIN	STRIAB	76 *					
DESFNM	ITERIN	STRIAB	20 CC	70 *	71 *	72 *	73 *	74 * 75 *
DESNLF	AFTRIM	MANAL	15 CC	111 *				
DESNLF	VARI	MANAL	11 CC	64 *	64	65		
DESP	AFTRIM	MANAL	15 CC	108 *	113			
DESP	SUPERP	MANAL	6 CC	31				
DESW	VARI	MANAL	11 CC	52 *	52	53		
DESWDG	AFTRIM	MANAL	15 CC	113 *				
DESWDG	VARI	MANAL	11 CC	53 *				
DESO	AFTRIM	MANAL	15 CC	109 *	114			
DESO	SUPERP	MANAL	6 CC	43				
DESO	VARI	MANAL	11 CC	56 *	56	57	65 *	66
DESODG	AFTRIM	MANAL	15 CC	114 *				
DESODG	VARI	MANAL	11 CC	57 *	66 *			
DESR	AFTRIM	MANAL	15 CC	110 *	115			
DESR	SUPERP	MANAL	6 CC	55				
DESR	VARI	MANAL	11 CC	60 *	60	61		
DESSRC	AFTRIM	MANAL	15 CC	112 *				
DESSRC	SUPERP	MANAL	6 CC	66				
DESSRC	VARI	MANAL	11 CC	69 *	69			
DESSDG	AFTRIM	MANAL	15 CC	115 *				
DESSDG	VARI	MANAL	11 CC	61 *				
DET	INHMSS		50 *	51	56	57	58	
DETH	MAG		8 TY	14 *	26 *	26	32	
DETMI	ALSTAB		18 TY	61 SA	63			
DETMI	INVERS		1	5 *	46 *	46		
DETMI	NUMRTF		8 TY	33 SA	51	57 *	91	
DETMI	SWAP		45 SA					
DETX1	INHMSS		46 *	50	57			
DETX2	INHMSS		47 *	50	56			
DETX21	INHMSS		48 *	49	58			
DETX3	INHMSS		49 *	53	58			
DEXP	BUTFLT		54	62				
DFLCAT	ALLMAT		67					
DFLCAT	BUTFLT		17	23				
DFSFNM	FUSFNM	FTAB1	7 CC	123	124			
DFSFNM	FUSINT	FTAB1	11 CC	75 *	76 *			
DFSYAW	FUSFNM	FTAB1	7 CC	121 SA	122 SA			
DFSYAW	FUSINT	FTAB1	11 CC	71 *	72 *			
DFSYAW	FUSFNM	FTAB1	7 CC	121 SA	122 SA			
DFSYAW	FUSINT	FTAB1	11 CC	73 *	74 *			
DIFF	CMCALC		2 TY	112 *	113 *	114	116	118 120
DIFFER			1	5 *	23 *			
DIFFER	DUNDEN		23	26	29			
DIFFER	UNSUED		35	38	41	51		
DIS	STUFNM		66 *	71	71			
DISC	CLCD		113 *	115	118	143 *	145	148
DIST	AFTRIM	STRIMA	37 CC	92 *				
DIST	GNPORD	STRIMA	13 CC	35				
DIST	TIMLD	STRIMA	13 CC	83 *	83			
DIXIZ	AJACOB	STRIMA	25 CC	69				
DIXIZ	FUSACC	STRIMA	16 CC	33	40			

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
DIXIZ	FUSINT	STRIMA	21 CO	81 *					
DIXIZ	MORONS	STRIMA	14 CO	47	48				
DIYIX	AJACOB	STRIMA	25 CO	70					
DIYIX	FUSACC	STRIMA	16 CO	23	38				
DIYIX	FUSINT	STRIMA	21 CO	92 *					
DIYIX	MORONS	STRIMA	14 CO	55	56				
DIZIY	AJACOB	STRIMA	25 CO	68					
DIZIY	FUSACC	STRIMA	16 CO	22	37				
DIZIY	FUSINT	STRIMA	21 CO	83 *					
DIZIY	MORONS	STRIMA	14 CO	52	54				
DL	AFTRIM	STRIAN	24 CO	43 *					
DL	AJACOB	STRIAN	22 CO	68 *	84				
DL	TRIM	STRIAN	22 CO	44 *					
DLDCF	WROPTM		111 *	112	114	117			
DLFCM	WROPTM		112 *	115					
DLFF	WROPTM		120 *	121	123	126			
DLF4	WROPTM		121 *	124					
DLIFT	WAS		1	14					
DLIFT	WING		120 *	121 SA	124 *	125 SA			
DLM	YSINIT		22 *	24	34				
DM	AFTRIM	STRIAN	24 CO	41 *					
DM	AJACOB	STRIAN	22 CO	69 *	83				
DM	TRIM	STRIAN	22 CO	45 *					
DMA	ALLMAT		6 TY	97 *	99	99	99	100	117 *
DMA	ALLMAT		120	125	146 *	155 *	157	157	157
DMA	ALLMAT		159						
DMAG	CDCL		2 TY						
DMAG	NUMRTF		6 TY	10 *	65	68			
DMAG	PHSMAG		2 TY	11 *	21	24	29		
DMAX1	ALLMAT		26	228					
DMC	ALLMAT		147 *	156 *	157	160			
DML	ALLMAT		6 TY	98 *	99	101	118 *	120	126
DMS23	AZMINT	STARAN	20 CO	79					
DMS20	AZMUTH	STARAN	20 CO	111					
DMS20	MODAL	STARAN	17 CO	47 *					
DN	AFTRIM	STRIAN	24 CO	42 *					
DN	AJACOB	STRIAN	22 CO	70 *	82				
DN	TRIM	STRIAN	22 CO	46 *					
DNSRTO	AZMINT	STARAN	15 CO	32 *	37 *	41	44	45	
DNSRTO	GRPRTR	STARAN	17 CO	34	52				
DNSRTO	WROPTM	STARAN	24 CO	62	120				
DNSRTO	WRTRIM	STARAN	12 CO	46					
DOL			4 TY	74 IO					
DOMEG	MTLT		25 *	26	27				
DOTA			1	3 *	7 *	7			
DOTX	HOPFDD		37						
DOTX	HRESP		92						
DOTA	STORAK		39	39	42	42	47	47	50
DOTA	STRAAK		50						
DOWNBS	WSHOOK		14 *	17 *	23 *	20	23	24	
DP	EXTORS		80 *	81	82	83	84		
DP	MNEM		139 *	140	141	142	143		
DPF	AZMINT	FLEX	6 CC	51 *	63	79	81	82	83
DPF	AZMUTH	FLEX	8 CO	124	131	133			
DPF	INRTR	FLEX	2 CO	56 *					
DPI	LOADT	FLEX	7 CO	51 IO	56				
DPF	QUAN	FLEX	2 CO	72 *					
DPF	RADOGN	FLEX	2 TY	8 CC	52	59	60		
DPF	RADIAL	FLEX	2 TY	8 CC	153	172			
DPF	TVTRIM	FLEX	6 CO	111 IO	114 IO	219 *			
DPFD	AZMINT	FLEX	6 CO	52 *	55 *	55	61		
DPFD	AZMUTH	FLEX	2 TY	8 CO	129	133			
DPFD	HOPFDD	FLEX	6 CO	41					
DPFD	INRTR	FLEX	2 CO	57 *					
DPFD	QUAN	FLEX	2 CO	73 *					
DPFD	RADOGN	FLEX	2 TY	8 CO	53				
DPFD	RADIAL	FLEX	2 TY	8 CC	171				
DPFD	TVTRIM	FLEX	6 CC	223 *					
DPFDD	AZMINT	FLEX	6 CC	53 *					
DPFDD	AZMUTH	FLEX	8 CO	133 *					
DPFDD	HLPFDD	FLEX	6 CO	39 *	39	40			
DPFDD	INRTR	FLEX	2 CO	58 *					
DPFDD	RADOGN	FLEX	2 TY	8 CO	54				
DPFDS	TVTRIM		36 TY	146 *	165	166			
DPFDY	TVTRIM		37 TY	38 EQ	146	165 *			
DPFDY1	TVTRIM		37 TY	38 EQ	166 *				
DPFP	LOADT	PYLON	16 CC	51 IO	65				
DPFP	PDPFDD	PYLON	12 CC	37 *	37	39 IO	42		
DPFP	PRETVT	PYLON	13 CO	41					
DPFP	PYLACC	PYLON	11 CO	73	36	37	38		

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS					
DPFP	QUAN	PYLON	11 CC	53 *				
DPFP	STAB	PYLON	8 CC	26 EQ	68	103 *		
DPFP	TVTRIM	PYLON	18 CC	111 IO	114 IO	210 *		
DPFP	#PMANU	PYLON	10 CC	20 EQ	20 EQ			
DPFP	#PPERT	PYLON	3 CC	15 EQ				
DPFP	ZERO	PYLON	13 CC	79 *				
DPFPD	DOPFDD	PYLON	15 CC	48				
DPFPD	DERIV	PYLON	14 CC	142				
DPFPD	POPFDD	PYLON	12 CC	43				
DPFPD	PYLACC	PYLON	11 CC	34				
DPFPD	QUAN	PYLON	11 CC	54 *				
DPFPD	STAB	PYLON	8 CC	69	104 *			
DPFPD	TVTRIM	PYLON	18 CC	211 *				
DPFPD	ZERO	PYLON	13 CC	90 *				
DPFPDD	DOPFDD	PYLON	15 CC	47				
DPFPDD	DERIV	PYLON	14 CC	141				
DPFPDD	PPYLAC	PYLON	13 CC	23	24			
DPFPDD	POPFDD	PYLON	12 CC	68 *	74 *	93 *		
DPFPDD	PYLACC	PYLON	11 CC	25				
DPFPDD	STAB	PYLON	8 CC	70	105 *			
DPFPDD	ZERO	PYLON	13 CC	81 *				
DPFPDS	TVTRIM		31 TY	153 *	173			
DPFPS	TVTRIM		41 TY	152 *	172			
DPFP1	#PMANU		19 TY	20 EQ	32 IO			
DPFP2	#PMANU		19 TY	20 EQ	39 IO			
DPFS	TVTRIM		36 TY	145 *	164			
DPF*T	PRESP	STAMAN	17 CC	21	104	105		
DPF*T	ITERIN	STAMAN	17 CC	42 *	43	43 *		
DPF*T	POPFDD	STAMAN	16 CC	35				
DPF*TL	PRESP		21 *	104	105			
DPFY	INIT		22 TY	23 EQ	44	46	47	48
DPFY	TVTRIM		37 TY	38 EQ	145	164 *		
DPIA	EXTCRS	STAMAN	15 CC	93 *				
DPIA	FUSACC	STAMAN	13 CC	36	39			
DPIA	MNEM	STAMAN	13 CC	133 *	142 *			
DPIAZ	EXTCRS	STAMAN	15 CC	82 *				
DPIAZ	FUSACC	STAMAN	13 CC	36	36	39	41	
DPIAZ	MNEM	STAMAN	13 CC	135 *	141 *			
DPIZ	EXTCRS	STAMAN	15 CC	84 *				
DPIZ	FUSACC	STAMAN	10 CC	36	41			
DPIZ	MNEM	STAMAN	13 CC	134 *	143 *			
DPLO	AZMUTH	ANDCLT	4 CC	65 *	125			
DPS	NOPS		12 *	14	32 *	38		
DPSI	AZMINT	MANAL	10 CC	27				
DPSI	DERIV	MANAL	9 CC	86	92			
DPSI	ELDEM	MANAL	5 CC	22 *	22	26 *	26	30
DPSI	INIT	MANAL	6 CC	32				
DPSI	MNEM	MANAL	8 CC	113 *				
DPSI	NOPS	MANAL	3 CC	14 *	15	37	37	
DPSI	PRETGT	MANAL	7 CC	76				
DPSI	QUAN	MANAL	6 CC	77				
DPSI	SAVTHS	MANAL	3 CC	14 IO				
DPSI	TIMLP	MANAL	5 CC	14				
DPSI	TVTRIM	MANAL	13 CC	224	225			
DPSIB	INRO		42 *	43	44			
DPSIGN	TIMLP		14 *	35	40 *	41	49	50
DPSIGP	DERIV		88	99	92	93	94	
DPSIGP	DERIV		80 *	82	84 *	84	85	86
DPSIP	DERIV		76 *	98				
DPYL1	FUSENM		142 *	144	145	146		
DPYL2	FUSENM		143 *	147	148	149		
DS	STAB		119 *	120	125			
DSDCDL	JACOBI	STRIAN	14 CC	53 *				
DSDCPL	STAB	STRIAN	17 CC	127 *	125	134 IO		
DSDU	STAB		133 *	134 IO				
DSL	SIZE	STAMAN	21 CC	145 *				
DSL	WING	STAMAN	19 CC	177 *	179	181		
DSLS	WING		179 *	177	178			
DSMPSA	DENTV		60 *	61	62			
DSN	SIZE	STAMAN	21 CC	146 *				
DSN	WING	STAMAN	19 CC	178 *	180	182		
DSNS	WING		178 *	177	178			
DSS	AZMINT	MANAL	13 CC	87				
DSZ	AZMUTH	MANAL	2 TY	16 CO	92	92	93	93
DSZB	ELMINT	MANAL	87					
DSZB	ELMINT	MANAL	10 CC	26	29	30	47	50
DSZB	CMDINT	MANAL	9 CC	23 *	30 *	32		
DSZB	GPSMPT	MANAL	4 CC	57	57	58	58	
DSZB	INRO	MANAL	10 CC	126	128			
DSZB	LOADT	MANAL	14 CC	118	119	120	121	

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
CAR	MODAL	MANAL	13 CC	37					
CAR	RADIGN	MANAL	7 TY	15 CO	64				
CAR	RADLOT	MANAL	13 CC	52	53	54			
CAR	VEND	MANAL	6 CC	20					
CARCI	CLAINT		35 *	68	69 *				
CARC2	CLMINT		67 *	68	69				
CAEL	NUMRTF		4 TY	11 *	66				
CREL	PHSMAG		7 TY	12 *	22	28			
CAMI	ALSTAB		18 TY	68 *	69	70			
CAMI	NUMRTF		4 TY	40 *	41	42	65 *	66	
CAMI	PHSMAG		7 TY	21 *	22				
CAAI	SWAP		7 TY	51 *	52	53			
CAOT	OLAINT	INSTAN	1 CO	26	27	28	29	30	40
CAOT	OLMINT	INSTAN	41	42	47	48	49	50	51
CAOT	OSTAPO	INSTAN	3 CC	23 EQ	23 EQ				
CAOT	NPUTOT	INSTAN	1 CO	23 EQ	23 EQ				
CAOT	NTAUIN	INSTAN	4 CC	27 EQ	27 EQ				
CAOT	ANMODE	INSTAN	1 CC	22 10	22 10	22 10	22 10	22 10	24 10
CAPM	SIVAR		109 *	110	110	119 *	122	122	
CSIN	OUTPUT		24	67					
DAGAT	ALLMAT		87	122					
DSTACG	CGZARM	STAMAN	11 CC	18 *	18				
DSTACG	LIZE	STAMAN	18 CC	124 *					
DSTACG	TILT	STAMAN	4 CC	38					
DSTCGM	CGYANR	STAMAN	11 CC	18 *	18				
CSTCGM	LIZE	STAMAN	18 CC	122 *					
CSTCGM	TILT	STAMAN	4 CC	53					
DSTCGT	LIZE	STAMAN	18 CC	121 *					
CSTCGT	TILT	STAMAN	4 CC	55	56 *	56			
DSTOPI	DERIV		45	93 *					
DT	OUTPUT		1	11					
CTBRT	DERIV	STAMAN	15 CC	37	38				
DTBRT	FUSACC	STAMAN	13 CC	58	59	60			
DTBRT	JUAN	STAMAN	12 CC	41 *					
DTHET	HRTHRM		39	42	53 *	57 *	59 *	59	62
CTHET	HRTHRM		62 *	64					
DTHETO	RETHRM	STAMAN	4 CC	42 *	62				
DTHR	SHRCTL		19 *	37 *	37	44 *	44	50 *	50
DTHR	SHRCTL		57 *	57	62				
DTHRJ	SHRCTL		58 *	58					
DTHRO	SHRCTL		20 *	38 *	38	45 *	45	51 *	51
DTHRJO	SHRCTL		59 *	59	63				
CTHRJO	SHRCTL		21 *	39 *	39	46 *	46	52 *	52
DTHRI	SHRCTL		16 *	17	39	43 *	44	46	49 *
DTHRI	SHRCTL		50	52	56 *	57	59		
DTIME	START		36 SA						
CTIME	SHMANU		23 SA						
DTIME	SPTRIM		43 SA						
DTR	AFTRIN	MANAL	12 CC	89					
DTR	AMSINT	MANAL	7 CO	57					
DTR	CHOINT	MANAL	6 CC	28					
DTR	FUSINT	MANAL	6 CO	67	68				
DTR	LAKE	MANAL	91	107	138	109	110	112	124
DTR	LAKO	MANAL	7 CO	62	66	83	82	86	89
DTR	LTCHIN	MANAL	52						
DTR	LTCHIN	MANAL	8 CC	48	48	49	53	51	52
DTR	JFMGIN	MANAL	6 CO	38	39	84	82	83	84
DTR	JFOGIN	MANAL	94	93	91	92	104	105	
DTR	LIZE	MANAL	12 CC	57 *					
DTR	MANG	MANAL	4 CO	28					
DTR	MODAL	MANAL	7 CC	45	81	82			
DTR	SHKINT	MANAL	7 CO	28	34	43	45	46	
DTR	SIVAR	MANAL	136	146	165				
DTR	SIVAR	MANAL	6 CC	42	79	88	89	95	120
DTR	STRZIN	MANAL	8 CC	31	32	37	46	78	91
DTR	STUZIN	MANAL	101						
DTR	TVTOIN	MANAL	13 CC	72	77	79			
DTR	WHIM	MANAL	6 CO	44 SA	44 SA				
DTR	WROPTN	MANAL	11 CO	44 SA	94 SA				
DTR	XCONIN	MANAL	69	72	73	76	77	80	81
DTR	XCONIN	MANAL	104						
CTR	XCONIN	MANAL	6 CO	43	55	56	57	58	68
DTR	YFINIT	MANAL	6 CO	43	44	45	46	47	
CTRR	AFTRIN	MANAL	12 CO	113	114	115			
DTRR	ALSTAB	MANAL	4 CO	77 SA	82 SA				
CTRR	AZMINT	MANAL	13 CC	29					
DTRR	AZMOUT	MANAL	7 CO	21	22				
DTRR	CDCL	MANAL	7 TY	13 CO	96	96	97		
DTRR	CLCD	MANAL	7 CO	50					
CTRR	FROMFS		1	4	29	32			

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
LTHH	FUSENM	MANAL	9 CO	41	48				
LTHH	GRFLGE	MANAL	5 CO	16	17	18	22	24	27
LTHH	GRFLGE	MANAL	29						
LTHH	GRSHFT	MANAL	57	58					
DTHH	GRSHFT	MANAL	6 CO	15	17	27	28	30	43
LTHH	GRPCNT	MANAL	62	63	64	65	66	67	68
DTHH	GRPCNT	MANAL	55	56	57	58	59	60	61
LTHH	GRPCNT	MANAL	10 CO	28	29	30	31	32	33
LTHH	GRPCNT	MANAL	69	70	71	72			
LTHH	GRPCNT	MANAL	37	38	39	40	41	42	46
DTHH	GRPCNT	MANAL	47	48	49	50	51	52	53
LTHH	GRPFLT	MANAL	49	90	91	93	94	95	96
DTHH	GRPFLT	MANAL	3 CO	24	25	66	67	69	73
LTHH	GRPFLT	MANAL	79	81	82	93	84	85	88
LTHH	GRPFLT	MANAL	71	72	73	74	76	77	78
DTHH	GRPGRD	MANAL	30	32					
LTHH	GRPGRD	MANAL	5 CO	18	19	20	24	25	26
DTHH	GRPRTN	MANAL	7 CO	21	22	23	24	25	39
DTHH	GRPRTN	MANAL	40	41	42	43			
LTHH	INIT	MANAL	9 CO	52	50	62			
LTHH	INRO	MANAL	7 CO	76	77	114	123		
DTHH	INSCAS	MANAL	3 CO	24	25	26			
LTHH	LIZE	MANAL	12 CO	41	42	43	48	49	53
LTHH	LIZE	MANAL	51	60 *					
LTHH	LOADF	MANAL	11 CO	67	118	119	120	121	142 SA
LTHH	MANU	MANAL	5 CO	52					
LTHH	NUMBTF		1	93 SA					
LTHH	PHSMAG		1	71	75	79			
DTHH	RADIAL	MANAL	10 CO	88					
DTHH	RADOUT	MANAL	7 CO	22	29	30	31	33	34
LTHH	RADOUT	MANAL	35	36	37	56	57	62	65
LTHH	RETAN	MANAL	12 CO	47					
DTHH	SIVAR	MANAL	6 CO	80	106	133			
DTHH	STRZIN	MANAL	9 CO	38	40	42	44	48	
LTHH	TVTRIM	MANAL	13 CO	110					
LTHH	VARI	MANAL	8 CO	53	57	61	66		
LTHH	WRMTV		1	55	63				
LTHH	WRMANU	MANAL	5 CO	41					
LTHH	WROPTM	MANAL	78	81	84	85	86	90	
LTHH	WROPTM	MANAL	11 CO	43	46	50	72	73	77
LTHH	WRPERT	MANAL	1 CO	19					
LTHH	WRVP	MANAL	3 CO	25					
LTHH	XCENIN	MANAL	6 CO	102					
LTHH	YFINIT	MANAL	6 CO	30	31	31	32	33	
LTHH	YRINIT		4 TY	7	15	41	45	47	48
LTHH	YRINIT		49	50					
LTHH	YSINIT		3 TY	9	21	23			
LTHHP	YFINIT		33	50	51	52	56	57	58
LTHHP	YFINIT		17 TY	29 *	30 *	31 *	32 *	32	33 *
LTHHSQ	LIZE	INSTAR	3 CO	59 *					
LTHHSQ	STRZIN	INSTAR	4 CO	39	41	43	45	50	
LTHHSQ	YRINIT		4 TY	8	43				
LTHHSQ	YSINIT		3 TY	8					
LTHH60	RADIAL		88 *	89	89				
LTUNS	AZMUTH	STARAN	53	54 *	56	56	56	56	56
DTUNS	AZMUTH	STARAN	2 TY	27 CO	51 *	51	52 *	52	53 *
LTUNS	AZMUTH	STARAN	56	56	56				
LTUNS	BUNDLR	STARAN	4 CO	23	26	29			
DTUNS	PRETVT	STARAN	17 CO	31 *	32 *				
LTUNS	UNSCLR	STARAN	19 CO	35	39	41	51		
LUMMY	INSCAS		41 *	42 *	43 *	44 *	45 *		
DUMMY	INSCAS		16 TY	17 EQ	36 *	37 *	38 *	39 *	40 *
LVI	ITHOT		66 *	67	68				
LVI	VIND		47 *	48 IO	49				
LVIEW	FUSENM		96 *	97 *	98				
LVIH	ITHOT		64 *	67	68				
LVXR	STRENM		93 *	97					
LVYU	STRENM		81 *	99					
LVZU	STRENM		82 *	98					
LWUSTR	STRENM		65 *	66	67				
LWKLMN	RTWARC	FJRWR	2 TY	4 CO	29	45			
LWKLMR	WRNWR	FJRWR	2 CO	126 *					
LWRLMN	ZERO	FJRWR	3 CO	38 *					
LWRLMS	LIZE	FUSWR	6 CO	172 *	173 *				
SWRLMS	STLWAR	FUSWR	4 CO	45	53				
LWRLMS	WRSWR	FUSWR	2 CO	40 *					
LWRMUR	RTWARE	FJRWR	2 TY	4 CO	20	27	36	43	
LWRMUR	WRRWR	FJRWR	2 CO	121 *					
DWRMUR	ZERO	FJRWR	3 CO	39 *					
SWRMUS	LIZE	FUSWR	6 CO	174 *	175 *				

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS					
DBKMUS	STMBAK	BUSBK	4 CO	40	43	48	51	
DBKMUS	BRSBK	BJSBK	2 CO	35 *				
EBLCG	CGZARM	STAMAN	11 CO	19 *	19			
EBLCG	LIZL	STAMAN	10 CO	125 *				
EBLCG	TILT	STAMAN	8 CO	39				
EX	AFTHIM	STRIAN	24 CO	43 *				
EX	AJACOB	STRIAN	22 CO	65 *	79			
EX	OUTFLT		67	68				
EX	OUTFLT		9 TY	11 *	5-	53	61	63	66
EX	THIM	STRIAN	22 CO	41 *				
EXCPXJ	CXKAHN	STRIMA	15 CO	28				
EXCPXJ	EUSINT	STRIMA	22 CO	62				
EXCPXJ	XSTINT	STRIMA	6 CO	15 *	26			
EXCPXJ	XSTINT	STRIMA	6 CO	16 *				
EXCPXJ	XSTURL	STRIMA	3 CO	68				
EXF	AZMUTH		2 TY	106 *	109 *	109	112	121 IO	122 IO
EXMIN	INTHEM		61 *	62	62				
EXR	RVRGST		22 *	25					
EXR	VURGST		61 *	66					
EXRGST	STUFNM		61 *	63					
EX1	RVRGST		27 *	29	35				
EX1	VURGST		59 *	64	72				
EX2	RVRGST		28 *	30	35				
EX2	VURGST		63 *	65	72				
EY	AFTHIM	STRIAN	24 CO	44 *					
EY	AJACOB	STRIAN	22 CO	66 *	72 *	80			
EY	THIM	STRIAN	22 CO	42 *					
EZ	AFTHIM	STRIAN	24 CO	45 *					
EZ	AJACOB	STRIAN	22 CO	67 *	73 *	81			
EZ	RVRGST		23 *	24	24	36			
EZ	THIM	STRIAN	22 CO	43 *					
EZ	VURGST	STRIAN	17 CO	62 *	63	63	73		
EZRGST	STUFNM		52 *	60	65				
EZ2	RVRGST		26 *	25	29	30			
EZ2	VURGST		53 *	64	65	66			
E105	AZMINT		26 TY	46					
E255	AZMINT		26 TY	46					
E315	AZMINT		26 TY	46					
E45	AZMINT		26 TY	46					
E			12 *	18	19	20	21	22	
E		INSTAN	STRU	19 CO	99 *	101 *	102 *	103 *	104 *	105 *
E		INSTAN	STRU	114 *	114 *	115 *	116 *	117 *	118 *	119 *
E		INSTAN	STRU	106 *	107 *	108 *	109 *	110 *	111 *	112 *
E		INSTAN	STRU	120 *	122 *	125 *				
E		ROKOKS	STRU	9 CO	70	71	72	73	74	75
E		STAN	STRU	15 CO	136	137	138	139	140	141
E		STAN	STRU	149	150	151	152	153	158	159
E		STAN	STRU	161	162	164	165	167	168	
E		STAN	STRU	142	143	144	145	146	147	148
F		AJACLE	STRU	8 CO	14	17	20			
FACC	RADIAN		1		2 TY	27 TY	46 *	47 *	48 *	54 *
FACC	RADIAN		54							
FACC	RADIAL		2 TY	35 TY	43 SA	114				
FADL	RADPTM		37 TY	129 IO						
FDETMI	QUARTP		2 TY	51 *	54 *	54	57			
FDISP	AZMINT	ANDUIT	82	83 *	83	85	86			
FDISP	AZMINT	ANDUIT	3 CO	70 *	71 *	72 *	81 *	81	82 *	
FDISP	RADRAN	ANDUIT	2 TY	4 CO	37	38	39	40 *	41 *	
FDISP	RADRAN	ANDUIT	42 *	52 *	52	62	63	64		
FDISPO	RADRAN	ANDUIT	2 TY	5 CO	37 *	38 *	39 *	64	71	
FDISPO	RADIAL	ANDUIT	2 TY	5 CO	132	168	174			
FDISPL	RADOUT	ANDUIT	3 CO	63	64	65				
FDISPR	AZMINT		77 *	79 *	79	87				
FDISPT	RADIAL		164 *	172 *	172	174				
FIG	ALLMAT	STRMCK	4 CO	5 TY	79 *	81 *	135 *	106 *	159 *
FIG	ALLMAT	STRMCK	159 *	160 *	177					
FIG	NORMTP	STRMCK	63	64	65	66 *	66	68	73
FIG	NORMTP	STRMCK	3 CO	6 TY	53	54	55 *	55	63 *
FIG	RRSMAG	STRMCK	22	24	26	28	29	40	53 IO
FIGS	RRSMAG	STRMCK	3 CO	6 TY	19 *	19	23	21	22 *
FIGS	RADRCS	STRU	3 CO	4 TY	17	18	23	24	
FIGS	NORMTP	STRU	3 CO	4 TY	73 *	76	77		
FIGS	RRSMAG	STRU	3 CO	4 TY	26 *				
FIGS	RWTNSF	STRU	3 CO	4 TY	19 *	23 IO			
FMAIN	JFIGIN	STRIAN	23 CO	97 *					
FOOTS	AJACOB	STAMAN	16 CO	121 SA	122 SA				
FOOTS	AZMINT	STAMAN	10 CO	51	51	52	53		
FOOTS	RRSSJ	STAMAN	14 CO	26 *	104 *	104	111	118	118 *
FOOTS	TSTAN	STAMAN	13 CO	133					
FOOTS	TIMIM	STAMAN	14 CO	75 *	85				

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TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
EPCUS	ITRUT	STARAN	20 CC	118 *					
EPCUS	JACOBI	STARAN	8 CC	38 *					
EPCOS	LOADT	STARAN	22 CC	86 *	87 *				
EPCUS	PRETVT	STARAN	14 CC	66 *	79	79	80	82	
EPCUS	STAB	STARAN	9 CC	43 *					
EPCOS	WRUPTM	STARAN	22 CC	88					
EPCUS	WRQSDP		1	2 TY	3 IO				
EPCOS	WRTHIM	STARAN	10 CC	28 SA	29 SA				
EPCUS	ZERO	STARAN	14 CC	106 *					
EPCUSS	INSTAB	STRIAD	21 CC	133 *					
EPCUSS	ITRIM	STRIAD	20 CC	75	85 *				
EPCUSS	JACOBI	STRIAD	14 CC	48					
EPCUSS	STAB	STRIAD	17 CC	83					
EPCUSS	ZERO	STRIAD	20 CC	104 *					
EPCS	HARM		1	2 TY	16 *	23 *	23		
EPCS	LOADT	BLOADS	140 SA	141 SA					
EPCS	LOADT	BLOADS	137 IO	138 IO	138 IO	138 IO	138 IO	138 IO	138 IO
EPCS	LOADT	BLOADS	112	112	112	123 IO	126 IO	129 SA	130 SA
EPCS	LOADT	BLOADS	132	133	137 IO	137 IO	137 IO	137 IO	137 IO
EPCS	LOADT	BLOADS	96 SA	97 SA	98 SA	99 SA	109	112	112
EPCS	LOADT	BLOADS	6 CO	45 *	85 SA	86	87	92 SA	95 SA
EPCS	WRBMTV	BLOADS	2 CO	7 SA	12	44 IO	46 IO	47 IO	53
EPCS	WRBMTV	BLOADS	55	61	63				
EPCS	WRSMTV	BLOADS	2 CO	36					
EPD	DAMPER	STRIAD	2 CO	15 *	16				
EPD	JACOBI	STRIAD	14 CO	56					
EPDD	STAB		42 *	51	55	59	62	133	155
EPDD	STAB		171	172	177				
EPDD	STAB		25 TY	34 *	36 *	37 *	38 *	41 *	41
EPDS	ITERIN	STRIAD	20 CC	33 *	34	34 *			
EPDS	STAB	STRIAD	17 CC	34	36	37	38	39	
EPDS	TIMED0	STRIAD	18 CC	45	46				
EPDSIO	STAB		39 *	42					
EPDX	CONN	STRIMA	11 CO	33					
EPDX	DAMPER	STRIMA	5 CO	16					
EPDX	SUPERP	STRIMA	8 CO	71	72	73	74		
EPDX	TRIM	STRIMA	25 CO	37 *	38 *	39 *	40 *	63 *	65 *
EPS	ALLMAT		67	68	68 *	96	104	214	224
EPS	ALLMAT		9 TY	58 *	60 *	60 *	66 *	66	67 *
EPSIN	AJACOB	STARAN	16 CC	121 SA	122 SA				
EPSIN	AZMINT	STARAN	20 CC	51	52	53			
EPSIN	HRESP	STARAN	14 CO	27 *	105 *	105	112	119	119 *
EPSIN	INSTAB	STARAN	13 CO	134					
EPSIN	ITRIM	STARAN	14 CC	76 *	86				
EPSIN	ITROT	STARAN	20 CC	119 *					
EPSIN	JACOBI	STARAN	8 CC	39 *					
EPSIN	LOADT	STARAN	22 CC	88 *					
EPSIN	PRETVT	STARAN	14 CC	67 *	79	80	82		
EPSIN	STAB	STARAN	9 CC	44 *					
EPSIN	WRQSDP		1	2 TY	3 IO				
EPSIN	WRTHIM	STARAN	10 CO	28 SA	29 SA				
EPSIN	ZERO	STARAN	14 CC	107 *					
EPSINS	INSTAB	STRIAD	21 CC	134 *					
EPSINS	ITRIM	STRIAD	20 CC	76	86 *				
EPSINS	JACOBI	STRIAD	14 CC	39					
EPSINS	STAB	STRIAD	17 CC	84					
EPSINS	ZERO	STRIAD	20 CC	109 *					
EPSN	HARM		1	2 TY	17 *				
EPSN	LOADT	BLOADS	97 SA	98 SA	99 SA	112	112	112	112
EPSN	LOADT	BLOADS	137 IO	137 IO	137 IO	137 IO	137 IO	138 IO	138 IO
EPSN	LOADT	BLOADS	123 IO	126 IO	129 SA	130 SA	132	133	137 IO
EPSN	LOADT	BLOADS	138 IO	138 IO	138 IO	138 IO	140 SA	141 SA	
EPSN	LOADT	BLOADS	6 CO	46 *	85 SA	88	92 SA	95 SA	96 SA
EPSN	WRBMTV	BLOADS	2 CO	7 SA	12	36 IO	38 IO	39 IO	53
EPSN	WRBMTV	BLOADS	55	55	61	63	63		
EPSN	WRSMTV	BLOADS	2 CO	36					
EPX	HRLSP		109 *	113	113 *	114	114 *	116 *	116
EPX	HRLSP		114	119					
ER	WRVP		16 TY						
ERR	ITERIN	STRIAD	20 CC	60 *	62 *	62	65 *	67 *	68 *
ERR	ITERIN	STRIAD	91						
ERR	ITRIM	STRIAD	20 CC	98					
ERR	WHAL	STRIAD	12 CC	30	30				
ERR	PRETVT	STRIAD	20 CC	104 *					
ERR	START	STRIAD	26 CC	56 IO					
ERRCMK	ERRCMK		1						
ERRCMK	READIN		86 SN						
ERRSET	ALLMAT		12 SN						
ERRI40	ITERIN		91 *	98					
ETAQ	LIZF	STARAN	21 CC	147 *					

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS					
ETAQ	STRENM	STARAN	24 CC	70 *	71 *	72		
ETAQST	STLENM	STARAN	26 CC	47	48	49		
ETAQST	STDZIN	STARAN	18 CC	36 *				
ETAQST	WING	STARAN	21 CC	33	34	35		
ETAQXT	XSTINT	STRIMA	6 CC	17 *				
ETAQXT	XSTORE	STRIMA	9 CC	32	33	34		
EVBTA	RADIAL		2 TY	175 *	184			
EVEL	RADBGN		53	68	69			
EVEL	RADBGN		1	2 TY	27 TY	43 *	44 *	45 *	53 *
EVEL	RADIAL		2 TY	35 TY	43 SA	77 SA	80	169	174
EVEL	UNSDER		1	23 TY					
EVEL1	RADIAL		169 *	171 *	171	174			
EXH	INRU	STARAB	16 CC	81 *	133				
EXH	RADIAL	STARAB	18 CC	64					
EXIT		TOPLOT	93	62	66	68	70	83	85
EXIT		TOPLOT	97						
EXIT		TOPLOT	1 CU	38	41 *	45	50	52	56
EXIT	AFTRIM	TOPLOT	31 CO	37					
EXIT	AJACOB	TOPLOT	29 CC	77					
EXIT	ALSTAB	TOPLOT	16 CC	61 SA	62	82 SA			
EXIT	ANAL	TOPLOT	29 CC	37	54	73	75		
EXIT	AZMUTH	TOPLOT	30 CO	81					
EXIT	BLKINT	TOPLOT	20 CC	25					
EXIT	BRTNEM	TOPLOT	15 CC	51 SA	52	54 *			
EXIT	CDCL		1	2 TY	38 *				
EXIT	CHDINT	TOPLOT	19 CC	33 *					
EXIT	CLCD	TOPLOT	21 CO	37 *					
EXIT	CONSTB	TOPLOT	20 CC	25	27				
EXIT	CUNTRM	TOPLOT	5 CC	7					
EXIT	DERIV	TOPLOT	31 CC	36	43				
EXIT	ERRCHK	TOPLOT	7 CO	53 *					
EXIT	EXTORS	TOPLOT	18 CO	99 *					
EXIT	FOCUS	TOPLOT	22 CC	42					
EXIT	FUSALC	TOPLOT	20 CC	73 *					
EXIT	INDMSS	TOPLOT	19 CC	23 *	52 *				
EXIT	INRU	TOPLOT	28 CC	129	145 *	146	156 *		
EXIT	INSTAB	TOPLOT	28 CC	37 *	247 *				
EXIT	INVERS		1	32 *					
EXIT	ITRIM	TOPLOT	27 CO	79	129	130 SA	131	146 *	
EXIT	ITROT	TOPLOT	33 CC	61 SA	62	121			
EXIT	JACOBI	TOPLOT	21 CO	32					
EXIT	JFBGIN	TOPLOT	27 CO	45 *					
EXIT	MANTYP	TOPLOT	13 CO	23 *					
EXIT	MANU	TOPLOT	21 CO	24	75				
EXIT	MBAL	TOPLOT	15 CC	23	39	45	63 *		
EXIT	MNEM	TOPLOT	29 CC	67 SA	76 SA	101	153 *		
EXIT	NUMRTF		1	33 SA	34 *	35			
EXIT	POPFDD		91 SA						
EXIT	RADIAL	TOPLOT	2 TY	30 CO	91	108 SA	109	122 SA	123
EXIT	REORWK	TOPLOT	13 CC	69 *					
EXIT	REOSPK	TOPLOT	7 CC	47 *					
EXIT	RESTRT	TOPLOT	40 CC	52 CO					
EXIT	ROTAN	TOPLOT	24 CO	73					
EXIT	RTINIT	TOPLOT	29 CO	37	44	63 *	81 *		
EXIT	SIVAR	TOPLOT	24 CC	152 *	161 *	183 *			
EXIT	SOLVE		1	12 *					
EXIT	STAB	TOPLOT	24 CO	113					
EXIT	START	TOPLOT	33 CO	39	46	52	55	82 *	
EXIT	STPENM	TOPLOT	34 CC	160					
EXIT	SUPERP	TOPLOT	12 CC	69 SA	70				
EXIT	SWAP		45 SA						
EXIT	TIVAR	TOPLOT	12 CC	32 *					
EXIT	TRIM	TOPLOT	29 CC	31					
EXIT	TVTRIM	TOPLOT	35 CO	231	273 *				
EXIT	UNSTED	TOPLOT	2 TY	25 CO	69 SA	70			
EXIT	VARI	TOPLOT	20 CO	176					
EXIT	VIND		1	43 *	50 *				
EXIT	WING	TOPLOT	29 CC	136					
EXIT	WKRNK	TOPLOT	19 CO	132 *					
EXIT	WRTREM	TOPLOT	23 CC	34					
EXIT	XCONIN	TOPLOT	18 CC	23 *					
EXP	HVRGST		33	34					
EXP	VGRGST		70	71					
EXP	WAG		23						
EXTMAS	EXTORS		48 *	55	56	57	58		
EXTMAS	FUSINT		45 *	49	50	51	52		
EXTORS	EXTORS		1						
EXTORS	VARI		175 SN						
F			13 *	19	21				
F	AJACOB	STRIAB	22 CO	79 *	80 *	81 *	82 *	83 *	84 *

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
F	AJACOB	STRIAB	103 *	104 *	105 *	106 *	107 *	108 *	109 *
F	AJACOB	STRIAB	45 *	86 *	87 *	88 *	89 *	91	95
F	AJACOB	STRIAB	110 *	111 *	112 *	113 *	114 *		
F	FILTER		4 TY	5 TY	6 EQ	21 *	22	36 *	36
F	FILTER		39						
F	ITRIM	STRIAB	20 CO	89	92	98			
F	JACOBI	STRIAB	14 CO	56					
F	ZUZERO		8						
F	RESTRT	STRIAB	33 CO	30 EQ					
F	UNSTED		2 TY	38 *	102	102	105		
FACTOR	UNPNTR		34 *	35	36	52 *	53	54	
FATTL	RLOFTB	FTAB	2 CO	3 IO					
FATTL	START	FTAB	4 CO	98 SA	99 SA				
FBWT	FUSACC		57 *	58 *	59				
FDICE	AZMUTH		2 TY	104 *	105 *	112	121 IO	122 IO	
FDRAG	FUSFNM		24 EQ	73 *	83	94 *	95 *	98 *	98
FDRAG	FUSFNM		111 *	111	132	133	134		
FF	WING		169 *	175	176				
FFA	HHLSP		20 TY	34 *	51 *	51	52 *	52	55 *
FFA	HRESP		55	56 *	56	60	77	77	
FFB	HHESP		77						
FFH	HHFSP		20 TY	35 *	53 *	53	57 *	57	61
FGUN	VGUNS		15 *	19 *	20 *	22	23	24	
FI	AZMUTH		85 *	105					
FILE14	AFTRIM		35						
FILE3			3						
FILTER	ANAL		122 SN	124 SN					
FILTER	FILTER		1						
FILTER	FLRINT		44 SN	45 SN	46 SN	49 SN	50 SN	52 SN	
FILTER	FUSACC		29 SN						
FILTER	ITRUT		129 SN	131 SN	134 SN				
FILTER	TVTRIM		97 SN	98 SN	99 SN				
FINSTB	AJACOB	STRIAB	23 CO	91 *	95 *	97 *	98 *		
FINSTB	INSTAB	STRIAB	22 CO	96					
FL	OUTFLT		1	9	13				
FL	SIVAR		29 TY						
FLAP	AFTRIM		32 TY	33 EQ	70	71	101		
FLAP	PRETVT		28 TY	29 EQ	66	67			
FLAP	QUAN		25 TY	27 EQ	57 *	59 *			
FLAP	ROTAN		25 TY	27 EQ	30	31	74 *	75 *	79 *
FLAP	ROTAN		30 *						
FLAP	TEMLP		18 TY	19 EQ	43 *	44 *	45 *	46 *	51 *
FLAP	TIMLP		52 *						
FLAP	WRUPTM		35 TY	36 EQ	77	81	84		
FLAPD	QUAN		26 TY	28 EQ	60 *	61 *			
FLAPD	ROTAN		26 TY	28 EQ	32	33			
FLAPZ	LOADT		100 *	115 *	115	118 *	118	122 IO	
FLAPQZ	LOADT		101 *	116 *	116	119 *	119	122 IO	
FLC	OUTFLT	FLTRCM	2 CO	9 *					
FLC	FILTER	FLTRCM	2 CO	12					
FLDRM	FLDRM		1						
FLDRM	VARI		172 SN						
FLIFT	FUSFNM		93	110 *	110	132	134		
FLIFT	FUSFNM		24 EQ	72 *	82	91 *	92 *	92	93 *
FLOAT	GUST		44						
FLOAT	INDLD		24						
FLOAT	LOADT		60						
FLOAT	MANU		52						
FLOAT	MPPTR		36						
FLOAT	PRETVT		95						
FLOAT	ROTAN		47						
FLOAT	SMRINT		29						
FLOAT	VORGST		51	52	53	54			
FLOAT	WMANU		41						
FLOAT	WRUPTM		60						
FLOCK	AFTRIM	STRIMA	27 CO	91 *	53 *				
FLOCK	PRETVT	STRIMA	23 CO	55 *					
FLOCK	SMAS	STRIMA	11 CO	46					
FLOCK	XCLNIN	STRIMA	14 CO	48 *	53				
FLPDUJ	STTLNM	STAMAN	20 CO	100					
FLPDUJ	VARI	STAMAN	14 CO	183 *	183				
FLPDUJ	WING	STAMAN	19 CO	93					
FLPSER	AZMUTH		2 TY	111 *	112	119	121 IO		
FLPSTP	FLPSTP		1						
FLPSTP	VARI		154 SN						
FLRINT	FLRINT		1						
FLSINT	SENO		32 SN						
FLT	MODS		11 *	12	37				
FLTGRP	GRPFLT	STAMAN	87 *	88 *	89 *	90 *	91 *	92 *	93 *
FLTGRP	GRPFLT	STAMAN	66 *	67 *	68 *	69 *	70 *	71 *	72 *

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
FLTORP	GRPFLT	STAMAN	58 *	59 *	60 *	61 *	62 *	63 *	64 *
FLTORP	GRPFLT	STAMAN	9 CO	21 *	22 *	23 *	24 *	25 *	27 *
FLTORP	GRPFLT	STAMAN	73 *	74 *	75 *	76 *	77 *	78 *	79 *
FLTORP	GRPFLT	STAMAN	80 *	81 *	82 *	83 *	84 *	85 *	86 *
FLTORP	GRPFLT	STAMAN	35 *	36 *	37 *	38 *	39 *	40 *	41 *
FLTORP	GRPFLT	STAMAN	42 *	43 *	44 *	47 *	48 *	49 *	50 *
FLTORP	GRPFLT	STAMAN	28 *	29 *	30 *	31 *	32 *	33 *	34 *
FLTORP	GRPFLT	STAMAN	94 *	95 *	96 *	97 *			
FLTORP	GRPFLT	STAMAN	51 *	52 *	53 *	54 *	55 *	56 *	57 *
FLTORP	WPTMAX	STAMAN	4 CC	35 IO	36 IO				
FLTH	HCSTAT	FLTRCM	8 CO	65 IO	65 IO	109 IO	114 IO	136 IO	137 IO
FLTH	TIMEQU	FLTRCM	4 CC	30 IO	36 IO				
FLA	HCSTAT	FLEX	7 CC	55 IO	65 IO	109 IO	114 IO	136 IO	137 IO
FLA	TIMEQU	FLEX	3 CO	30 IO	36 IO				
FMA	JSPOPF		20 *	25	33				
FMATCO	ANAL	MANAL	13 CO	116 *	117 *	118 *	119 *	120 *	121 *
FMATCO	ANAL	MANAL	124 SA						
FMATCO	FLAINT	MANAL	6 CC	22 *	23 *	24 *	25 *	26 *	27 *
FMATCO	FLAINT	MANAL	52 SA						
FMB	QSLOPF		21 *	24	34				
FMFILT	ANAL	MANAL	13 CO	124 SA					
FMFILT	FLAINT	MANAL	6 CC	52 SA					
FMBX	BXFM		59 SA	60 IO	61 SA	62 IO	66 SA	67 IO	71 SA
FMBX	BXFM		72 IO	77 SA	78 IO	82 SA	83 IO	87 SA	88 IO
FMBX	BXFM		91 SA	92 IO	95 SA	96 IO	98 SA	99 IO	
FMBX	BXFM		18 TY	47 SA	48 IO	51 SA	52 IO	55 SA	56 IO
FMBX	BRUPTM		132	133					
FMBX	BRUPTM		35 TY	96 SA	97 SA	98	99	100	101
FMT	MARM		1	2 TY	11	16			
FOCUS	FOCUS		1						
FOCUS	AUTAN		71 SN						
FOCUS	TVTRIM		230 SN						
FOMD	MRESP		32 *	40					
FORTMA	SAVTMS		12 TY	13 EQ	14 IO				
FOSQ	MRESP		31 *	39					
FOURMI	DERIV		32 TY	89					
FPA	MRESP		20 TY	43 *	47 *	104	105		
FPACC	FPYLAC		14 TY	23 *	23 *	23	28	29	30
FPACC	LOADT		31 TY	76 *	130 SA				
FPACCG	FPYLAC	PYLON	13 CO	21 *	24 *	24	28 *	29 *	30 *
FPACCG	LOADT	PYLON	16 CC	51 IO	76				
FPACCG	SAVTMS	PYLON	8 CC	14 IO					
FPACCG	TVTRIM	PYLON	18 CC	114 IO					
FPACCG	BRMANU	PYLON	13 CO	33 IO					
FPB	MRESP		20 TY	44 *	48 *	104	105		
FPITCH	FUSFNM		101	112 *	112	135	136	137	
FPITCH	FUSFNM		24 EQ	74 *	84	99 *	100 *	100	101 *
FPYLAC	FPYLAC		1						
FPYLAC	INIT		75 SN						
FPYLAC	BRTRIM		56 SN						
FPYLMS	FPYLAC	PYLON	13 CO	23	24				
FPYLMS	FSMINT	PYLON	13 CO	22 *	23 *	24 *	25 *	26 *	27 *
FQFLTL	FLAINT	STRIMA	10 CO	17 SA	33 SA				
FQFLTL	TVTRIM	STRIMA	33 CC	89 SA					
FQFLTL	ZERO	STRIMA	35 CC	40 *					
FQFLTU	FLAINT	STRIMA	10 CC	13	17 SA	33 SA			
FQFLTU	INAU	STRIMA	26 CO	121 *	122	122 *			
FQFLTU	TVTRIM	STRIMA	33 CC	95	89 SA				
FQG	MODAL		52 *	53	53				
FQGI	AZMUTH	STARAN	24 CO	65					
FQGI	MODAL	STARAN	17 CO	51 *	53 *				
FQLCUL	INTERQ		2 TY	24 *	25	25			
FRCSTB	STBFNM		140 *	158 *	161	166	167	168	169
FRCSTB	WING		104 *	107	108	109	110		
FREQ	AZMUTH	STARAN	24 CO	133	133				
FREQ	BMSINT	STARAN	17 CO	32 *					
FREQ	MRESP	STARAN	14 CO	24	31	32			
FREQ	INTERQ	STARAN	2 TY	14 CO	25 *				
FREQ	MODAL	STARAN	17 CC	88 *	44	49			
FREQ	MPATH	STARAN	5 CO	19	44	48	80		
FREQ	PRETVT	STARAN	14 CO	71	71				
FREQCY	FMSINT	STARAN	18 CC	65 *	66 *				
FREQCY	INTERQ	STARAN	2 TY	15 CO	24	25			
FREQCY	ZERO	STARAN	15 CC	105 *					
FREQRD	ALSTAB		19 TY	20 TY	40				
FREUSQ	MODAL		49 *	52					
FREQX	PRETVT		44 *	71	71 *	88 *	88	89	94
FREQX	PRETVT		94						
FREUX1	PRETVT		89 *	94	94 *	95			
FRF	FILTER	FLTRCM	2 CO	3 TY	6 EQ				

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
FRG	FRGRES	ASTAB	2 CO	29 *	31 *	32 *			
FRG	WRTNSF	ASTAB	2 CO	33 IO					
FRG1	FILTER	FLTRCM	2 CO	3 TY	6 EQ				
FRG2	FILTER	FLTRCM	2 CO	3 TY	6 EQ				
FRK	RESTRT	FORWK	9 CO	55 IO	65 IO	109 IO	114 IO	136 IO	137 IO
FRK	TIMEQQ	FORWK	5 CO	30 IO	36 IO				
FRK1	RESTRT	FORWK1	10 CO	109 IO	114 IO				
FROLL	FUSFNM		136	137					
FROLL	FUSFNM		24 EQ	76 *	86	103 *	114 *	114	135
FRP	FRGRES		26	29	29	31	32	32	
FRP	FRGRES		5 TY	6 TY	12 *	13 *	13	14 *	14
FRP	FRGRES		19 *	19	20 *	20	25 *	25	26 *
FRQMZ	ALSTAB	ASTAB	2 CO	41 *					
FRQMZ	WRTNSF	ASTAB	2 CO	33 IO					
FRQPSD	SHRCTL		24 *	25	38	39	45	51	58
FRQR4U	ALSTAB	ASTAB	2 CO	40 *	41				
FRQRAD	FRGRES	ASTAB	2 CO	12	14	19	20	25	26
FRQRAD	WRTNSF	ASTAB	2 CO	33 IO					
FRQRES	FRGRES		1						
FRQRES	NUMRTF		93 SN						
FRQSQ	SHRCTL		25 *	39	52	59			
FRXIM1	FILTER	FLTRCM	2 CO	3 TY	6 EQ				
FRXIM2	FILTER	FLTRCM	2 CO	3 TY	6 EQ				
FRXIST	FILTER	FLTRCM	2 CO	3 TY	6 EQ				
FSAERO	FUSFNM	FTAB	6 CO	121 SA	122 SA				
FSAERO	REDFTB	FTAB	2 CO	5 SA	8 SA				
FSAERO	START	FTAB	4 CO	98 SA	99 SA				
FSIDE	FUSFNM		24 EQ	75 *	85	102 *	113 *	113	132
FSIDE	FUSFNM		133	134					
FSK	RESTRT	FUSWK	13 CO	55 IO	65 IO	109 IO	114 IO	136 IO	137 IO
FSK	TIMEQQ	FUSWK	8 CO	30 IO	36 IO				
FSK1	RESTRT	FUSWK1	14 CO	109 IO	114 IO				
FSMINT	FSMINT		1						
FSMINT	INND		142 SN						
FTBL	RESTRT	FTAB	15 CO	109 IO	114 IO				
FTBL1	RESTRT		109 IO	114 IO					
FTKTS	GRPFLT	STRIMA	17 CO	21	22				
FTKTS	LIZE	STRIMA	32 CO	130 *					
FTKTS	STBZIN	STRIMA	25 CO	80	81	83	84		
FTKTS	WRUPTM	STRIMA	31 CO	45					
FTVT	INSTAB	STRIAB	21 CO	35					
FTVT	ITERIN	STRIAB	20 CO	38					
FTVT	LGCINT	STRIAB	24 CO	52 *	53 *				
FTVT	PRETVT	STRIAB	20 CO	48	91	102			
FTVT	TRIM	STRIAB	22 CO	59	97				
FTVT	WRTRIN	STRIAB	16 CO	10					
FU	OUTFLT		1	12					
FUSALL	DERIV		112 SN						
FUSACC	FUSACC		1						
FUSFM	FUSFNM		23 TY	24 EQ	24 EQ	24 EQ	24 EQ	24 EQ	24 EQ
FUSFM	FUSFNM		121 SA	122 SA	123 *	123	124 *	124	
FUSFNM	ANAL		70 SN						
FUSFNM	FUSFNM		1						
FUSGP2	WRTMNV		16 TY	17 EQ	32 IO				
FUSGRD	GPFLGE	STAMAN	11 CO	13 *	14 *	15 *	16 *	17 *	18 *
FUSGRD	GPFLGE	STAMAN	21 *	22 *	23 *	24 *	26 *	27 *	28 *
FUSGRD	GPFLGE	STAMAN	29 *	30 *					
FUSGRD	WRTMNV	STAMAN	9 CO	17 EQ	33 IO				
FUSINT	FUSINT		1						
FUSINT	START		43 SA						
FUSPCH	FUSFNM	STAMAN	15 CO	48 *	57 *	121 SA	122 SA		
FUSPCH	GRPFLT	STAMAN	9 CO	75					
FUSPCH	WRFM	STAMAN	12 CO	44 SA					
FUSPCH	WRUPTM	STAMAN	18 CO	94 SA					
FUSPTM	TIMEJ0		22 TY	23 EQ	47 *	47			
FUSYAW	FUSFNM	STAMAN	15 CO	41 *	42 *	42	53 *	121 SA	122 SA
FUSYAW	GRPFLT	STAMAN	9 CO	86					
FUSYAW	WRFM	STAMAN	12 CO	44 SA					
FUSYAW	WRUPTM	STAMAN	18 CO	94 SA					
FVIND	ITERIN	STARAN	14 CO	31 *	32	32 *			
FVIND	ITRUT	STARAN	20 CO	65	66				
FX	WAG		8 TY	23 *	32				
FYAW	FUSFNM		137						
FYAW	FUSFNM		24 EQ	77 *	87	104 *	115 *	115	135
G			3	14 *	20	22			
G	FILTER		4 TY	45 *	47	48			
G	MANU		61						
G	POZERO		8						
G	RADIAL		75						
G	TVTRIM		188						

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS					
G	UNSTED		2 TY	90 *	93 *	96 *	98 *	102	102
G	UNSTED		105					
GA	MRESP		99 *	99	100 *	100	104	105	
GA	MRESP		20 TY	36 *	60 *	95 *	95	96 *	96
GAIN	ALSTAB	ASTAH	2 CO	91 *					
GAIN	FRQRES	ASTAH	2 CO	8					
GAIN	NUMRTF	ASTAB	2 CO	91 *	92				
GAIN	WRTNSF	ASTAB	2 CO	15 10					
GAMMA	INWO	STARAD	16 CO	91 *	92	93			
GAMMA	WROPTW	STARAD	20 CO	90					
GAM1L	UNSTED		2 TY	55 *	58	63			
GAM1M	UNSTED		2 TY	53 *					
GAM2L	UNSTED		2 TY	47 *	49 *	49 *	54	54 *	55
GAM2L	UNSTED		58						
GAM2M	UNSTED		2 TY	50 *	51 *	52 *	56	56 *	59
GB	MRESP		104	105					
GB	MRESP		20 TY	37 *	61 *	97 *	97	101 *	101
GCBBM	AZMUTH	STARAN	24 CO	64					
GCBBM	MODAL	STARAN	17 CO	54 *	55 *				
GCCBM	RMSINT	STARAN	17 CO	41 *					
GCCBM	DERIV	STARAN	18 CO	159	159				
GCCBM	ITROT	STARAN	20 CO	175	175				
GEANAT	AFTRIM	STRIMA	27 CO	95					
GEANAT	DERIV	STRIMA	27 CO	47	98				
GEANAT	FUSACC	STRIMA	16 CO	46	48				
GEANAT	GRPSHP	STRIMA	20 CO	41					
GEANAT	LIZE	STRIMA	32 CO	120 *					
GEANAT	MNEM	STRIMA	25 CO	128					
GEANAT	QUAN	STRIMA	21 CO	36					
GEANAT	RTINIT	STRIMA	25 CO	39 *	40				
GFILT	ANAL	MANAL	13 CO	114 *	122 SA				
GFILT	FLRINT	MANAL	0 CO	49 SA					
GFWD	ANAL	MANAL	10 CO	111 *					
GFWD	GRPFLT	MANAL	3 CO	92					
GI	RMSINT	STARAN	17 CO	33 *					
GI	INRTR	STARAN	14 CO	45	53	53			
GI	MODAL	STARAN	17 CO	52	64 *				
GI	ZERO	STARAN	14 CO	100 *					
GLAT	ANAL	MANAL	10 CO	112 *					
GLAT	GRPFLT	MANAL	3 CO	97					
GMAXV	GUST	MANAL	4 CO	59	67				
GMAXV	RGUST	MANAL	8 CO	58					
GMAXV	SIVAR	MANAL	7 CO	63 *					
GMAXV1	GUST	MANAL	4 CO	61	66				
GMAXV1	RGUST	MANAL	8 CO	56	66				
GMAXV1	SIVAR	MANAL	7 CO	62 *	60	63	64		
GMAXV2	MGUST	STARAN	18 CO	63					
GMAXV2	SIVAR	STARAN	15 CO	56 *	62	63			
GMAXV3	GUST	MANAL	4 CO	57					
GMAXV3	RGUST	MANAL	8 CO	51					
GMAXV3	SIVAR	MANAL	7 CO	64 *					
GMS	RMSINT	INSTAR	3 CO	31	32	33	34	35	36
GMS	GMSINT	INSTAR	37	38	39	40	41	42	59
GMS	EMSINT	INSTAR	60	61	62				
GMS	INBLD	INSTAR	2 CO	47 *	52 *	53 *	54 *	55 *	56 *
GMS	JSTRCU	INSTAR	3 CO	69 SA	102 SA				
GMS	MODAL	INSTAR	3 CC	41					
GMS	READIN	INSTAR	4 CO	29 EQ					
GMS	RECRMS		1	2 TY	6 10				
GMS	SMKINT	INSTAR	3 CO	34					
GM2MXL	UNSTED		2 TY	42 *	47	48			
GM2MXM	UNSTED		2 TY	45 *	50	51			
GN	FRQRES		8 *	9 *	9	12			
GOTONF	TAHINT		40						
GOV	DERIV	STAMAN	15 CO	53	54	59			
GOV	VARI	STAMAN	13 CO	25 *	33 *	124 *			
GPFLGE	GPFLGF		1						
GPFLGE	INIT		69 SN						
GPFLGR	WRTRIM		50 SN						
GPNLD	FUSACC	STAMAN	10 CO	58					
GPNLD	JFRGIN	STAMAN	11 CO	68 *	75 *				
GPSHFT	GPSHFT		1						
GPSHFT	INIT		74 SN						
GPSHFT	WRTRIM		55 SN						
GPULL	AJACOB	STAMAN	14 CO	57	59				
GPULL	ITERIN	STAMAN	12 CO	77 *	79 *	80	82 10	85 10	
GNDGPL	WRTMNV		18 TY	19 EQ	37 10				
GNDGP2	WRTMNV		18 TY	19 EQ	39 10				
GRDGNP	GRPGRD	STAMAN	24 *	25 *	26 *	30 *	31 *	32 *	33 *
GRDGRP	GRPGRD	STAMAN	35 *	36 *	36				

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
GROUP	GRPORD	STAMAN	11 CO	18 *	19 *	20 *	21 *	22 *	23 *
GROUP	ATMNV	STAMAN	9 CC	19 EQ	19 EQ	38 IC			
GRE	WIND		39 *	40	41	42			
GROUP	PUSHED		1	2 TY	6				
GROUP	READIN		2 TY	3 EQ	67 IC	95 IO			
GROUP	READ		19 SA	46 IO					
GROUP	READIO		1 TY	4 EQ	16 IO	20 SA	30 IO	34 *	36
GROUPS	READ		13 NA	31 IO					
GROUP1	PUSHED		2 TY	5 IC	6				
GRP	READ		12 TY	29					
GRPCNT	GRPCNT		1						
GRPCNT	INIT		72 SN						
GRPCNT	WRTRIM		53 SN						
GRPFLT	GRPFLT		1						
GRPFLT	INIT		70 SN						
GRPFLT	WRTRIM		51 SN						
GRPGRD	GRPGRD		1						
GRPGRD	INIT		71 SN						
GRPGRD	WRTRIM		52 SN						
GRPRTR	GRPRTR		1						
GRPRTR	INIT		73 SN						
GRPRTR	WRTRIM		54 SN						
GRPSHP	GRPSHP		1						
GRPSHP	INIT		68 SN						
GRPSHP	WRTRIM		49 SN						
GSTF	AVRGST	STRIMA	15 CO	33	34				
GSTF	SIVAR	STRIMA	21 CO	170 *					
GSTF	VORGST	STRIMA	21 CO	70	71				
GSTLM	VORGST		97 *	100	102	104			
GSTLV	VORGST		98 *	100	102	104			
GSTRM	VORGST		95 *	99	101	103			
GSTRV	VORGST		96 *	99	101	103			
GTI	ELMENT	STARAD	12 CO	65 *					
GTI	RADIAL	STARAD	18 CO	132					
GTURN	AJACOB	STAMAN	14 CO	36	41	49	71	73	
GTURN	ITERIN	STAMAN	12 CO	88 *	89 IO				
GUST	GUST		1						
GUST	VARI		35 SN						
GUSTYP	GUST	MANAL	4 CO	33 *					
GUSTYP	MAJGUN	MANAL	2 TY	13 CO	67				
GUSTYP	NGUST	MANAL	8 CO	42	48	49	59	67	
GVERT	AFTNIN	MANAL	13 CC	111					
GVERT	ANAL	MANAL	11 CO	113 *	114	122 SA			
GVERT	FLEINT	MANAL	4 CO	49 SA					
GVERT	FUSACC	MANAL	5 CC	57	58				
GVERT	GNPFLT	MANAL	4 CO	97					
GYROA	DERIV		156 *	159					
GYROA	ITRGT		172 *	175					
G1	FILTER		47 *						
G1	FILTER		4 TY	5 TY	6 EQ	29 *	30	45	46
G1	WKTABN		6 *	9	10	11	36 *	39	40
G1	WKTAJN		41	42 *	46	47	47	48	48
G1	WKTAJN		49	49					
G2	FILTER		4 TY	5 TY	6 EQ	28 *	45	46 *	
G2	WKTABN		7 *	9	10	11	37 *	39	40
G2	WKTAJN		41						
G3	WKTAJN		8 *	9	10	11	38 *	39	40
G3	WKTABN		41						
H			15 *	18	19	20	21	22	
H	ALLMAT		133	133	134 *	134	134	135 *	141
H	ALLMAT		6 TY	76 *	79	81	93	94	94
H	ALLMAT		222	224	224 *	225			
H	ALLMAT		151 *	151	152 *	152	155	155	156
H	ALLMAT		195	199 *	199	199	214	214 *	215
H	ALLMAT		185	190	191 *	191	192 *	194	195
H	ALLMAT		96	97	97	98	98	98	98
H	ALLMAT		103	103	104	112 *	112	117	118
H	ALLMAT		152	156	156	174 *	177 *	177	185
H	ALLMAT		141	142 *	142	142	143 *	186	147
H	ALSTAG		22 TY	22 TY	22 TY	22 TY	22 TY		
H	JPRGIN		31 TY						
H	PTHOUT		10 TY						
H	SIVAR		28 TY	28 TY	28 TY	28 TY	28 TY	28 TY	28 TY
H	SIVAR		28 TY	28 TY	28 TY	28 TY	28 TY	28 TY	29 TY
H	SIVAR		29 TY	29 TY	29 TY	29 TY	29 TY	29 TY	29 TY
H	SIVAR		29 TY						
H	SIVAR		29 TY	29 TY	29 TY	29 TY	29 TY	29 TY	29 TY
H	SIVAR		28 TY	28 TY	28 TY	28 TY	28 TY	28 TY	28 TY
H	SIVAR		28 TY	28 TY	28 TY	28 TY	28 TY	28 TY	28 TY
H	START		35 TY						

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS					
H	TRIM		33 TY	33 TY	33 TY	33 TY	33 TY	33 TY
H	WRVP		16 TY	16 TY	16 TY	16 TY	16 TY	16 TY
HACKE	SIVAR		29 TY	29 TY	29 TY	29 TY		
HACY	JFBGIN		31 TY					
HAFT	SIVAR		28 TY					
HALC	SIVAR		28 TY					
HALFPI	AFTRIM	MANAL	13 CO	102				
HALFPI	CDCL	MANAL	2 TY	11 CO	57	86		
HALFPI	CLCD	MANAL	8 CO	75	191	191		
HALFPI	FUSFNM	MANAL	10 CO	80				
HALFPI	IFRIM	MANAL	7 CO	140				
HALFPI	LIZE	MANAL	13 CO	73 *				
HALFPI	MNEM	MANAL	9 CO	120				
HALFPI	RADIAL	MANAL	11 CO	110	124			
HALFPI	RTINIT	MANAL	7 CO	45				
HALFPI	RVNGST	MANAL	9 CO	38				
HALFPI	SIVAR	MANAL	7 CO	90	90			
HALFPI	STEFNM	MANAL	15 CO	53	71	71		
HALFPI	TVTRIM	MANAL	14 CO	116	118			
HALFPI	VONGST	MANAL	4 CO	75				
HALFPI	XCONIN	MANAL	7 CO	103				
HALH	SIVAR		28 TY	28 TY				
HAMD	SIVAR		28 TY	28 TY				
HAP			42 TY	42 TY				
HAPA	SIVAR		29 TY					
HARM	HARM		1					
HARM	LOADT		85 SN	92 SN	95 SN	96 SN	97 SN	98 SN 99 SN
HARM	LOADT		129 SN	130 SN	140 SN	141 SN		
HARM	WREMTV		7 SN					
HASTVT	AFTRIM	STRIAB	24 CO	68				
HASTVT	CONTRM	STRIAB	2 CO	7				
HASTVT	LGCINT	STRIAB	24 CO	50 *	51 *			
HASTVT	RHETVT	STRIAB	20 CO	93				
HASTVT	TRIM	STRIAB	22 CO	115				
HATC	TRIM		33 TY					
HAUXI	SIVAR		28 TY					
HBRAK	WRFM		19 TY	19 TY				
HCH	PTROUT		10 TY					
HCHNG	SIVAR		28 TY					
HCLIC	JFBGIN		31 TY	31 TY				
HCST	TRIM		33 TY	33 TY				
HCU	RADIAL		2 TY	57 *	61 *	102	112	114 114
HCYL	WRVP		16 TY	16 TY				
HCYCL	SIVAR		28 TY	28 TY				
HDAL	SIVAR		28 TY					
HDAL	TRIM		33 TY					
HDAL	WRVP		16 TY					
HDDLAS	RADIAL	UNSARO	2 TY	31 CO	65			
HDDLAS	UNSDER	UNSARO	22 CO	51 *	52 *	52	52	
HDDOT	RADIAL	STARAN	23 CO	85 *				
HDDOT	UNSTED	STARAN	2 TY	22 CO	102	106	129	130
HDELT	AUXJET	MANAL	4 CO	15				
HDELT	EXTORS	MANAL	7 CO	24	31	40		
HDFLT	FLDRM	MANAL	6 CO	15				
HDELT	FLHINT	MANAL	4 CO	13	17 SA	33 SA	38	
HDELT	MANU	MANAL	9 CO	29 *	62			
HDELT	SUPERP	MANAL	4 CO	75	76	77	78	
HDELT	TVTRIM	MANAL	14 CO	82 *	85	89 SA	91	190
HDELT	VARI	MANAL	9 CO	47	134	145	182	183
HDISP	AZMINT	ANDOIT	3 CO	86 *				
HDISP	AZMUTH	ANDOIT	2 TY	5 CO	93 *	93	95	93 93
HDISP	AZMUTH	ANDOIT	109					
HDISP	RADEGN	ANDOIT	2 TY	5 CO	63 *			
HDOT	RADIAL	STARAN	23 CO	79 *				
HDOT	UNSTED	STARAN	2 TY	22 CO	86	102		
HDRAG	START		35 TY					
HDXCR	SIVAR		169 *	176	177			
HE	WREM		19 TY	19 TY				
HEAD	CHDINT		20 TY	21 TY	34 IO			
HEAD	CLCD		23 TY	24 TY	36 IO	98 IO	129 IC	155 IO
HEAD	INHLD		17 TY	18 TY	35 IO			
HEAD	INOMSS		20 TY	21 TY	24 IO	53 IC		
HEAD	INRO		29 TY	30 TY	146 IO	158 IC		
HEAD	JFBGIN		30 TY	31 TY	44 IO			
HEAD	MEAL		16 TY	17 TY	64 IO			
HEAD	PTROUT		9 TY	10 TY	19	28	37	
HEAL	RTINIT		30 TY	31 TY	62 IO	80 IC		
HEAD	WRBMTV		3 TY	4 TY	31 IO			
HEAD	WREM		83 IC					
HEAD	WREM		18 TY	19 TY	29 IO	34 IO	36 IO	67 IO 78 IO

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TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS							
HEAD	WHMODE		18 TY	19 TY	22 IC	25 IC				
HEAD	WKHWK		20 TY	21 TY	69 IO					
HEAD	WRVP		44 *	46 IO	53 *	54 *	55 *	63 IO		
HEAD	WXVP		15 TY	29 *	30 *	31 *	33 IO	42 *	43 *	
HEAD	YAINIT		2 TY	3 TY	58 IO	58 IC	62 IO	62 IO	66 IO	
HEAD	YPINIT		66 IC							
HEAD	YSINIT		2 TY	4 TY	45 IO	45 IC	49 IO	49 IO	53 IO	
HEAD	YSINIT		53 IC							
HEADFL	IONAT		4 TY	5 TY	19 IC	53 IO	87 IO			
HEADFM	IONAT		4 TY	6 TY	8 IO	20 IC	32 IO	42 IO	54 IO	
HEADFM	IONAT		66 IC	76 IO	88 IO	100 IC				
HEADP	IONAT	STHD	2 CO	15 IO	26 IO	38 IC	49 IO	60 IO	72 IO	
HEADP	IONAT	STHD	83 IO	94 IO	106 IO					
HEADP	WRINST	STHD	16 CC	26 IO	44 IC	64 IC				
HEADP	WRMS	STHD	2 CO	41 IO	67 IO					
HEADP	WRPERT	STHD	9 CC	32 IO	32 IO	33 IC	33 IO			
HEADP	WRSTAB	STHD	2 CO	15 IO	25 IC	45 IO				
HEADPY	IONAT		4 TY	5 TY	31 IO	65 IC	99 IO			
HEADRT	WRPERT		16 TY	32 IO	33 IO					
HEADSP	WRPERT		16 TY	32 IO	33 IO					
HEAD1	ALSTAB		19 TY	22 TY	45					
HEAD1	PTBOUT		9 TY	10 TY	18 *	19 *	20 SA	27 *	28 *	
HEAD1	PTBOUT		29 SA	36 *	37 *	38 SA				
HEAD1	TABOUT		1	2 TY	3 IO					
HEAD1	WRMANU		19 TY	21 TY	29 IC	36 IC	45 IO	71 IO		
HEAD1	WRMS		10 TY	11 TY	36 IO					
HEAD1	WRSTAB		5 TY	6 TY	51 IO	52 IO				
HEAD1	WRTMNV		15 TY	24 TY	25 IO	25 IC	40 IO	40 IO	40 IO	
HEAD1	WRTMNV		40 IC	41 IO	41 IC	42 IC	42 IO			
HEAD1	YSINIT		2 TY	5 TY	19 IO	32 IC	45 IO	49 IO	53 IO	
HEAD2	ALSTAB		19 TY	23 TY	46					
HEAD2	START		90 SA							
HEAD2	START		34 TY	91 *	92 *	95 *	96 *	97 *	98 SA	
HEAD2	TABOUT		1	2 TY	3 IO					
HEAD2	TRIM		31 TY	33 TY	95 IO					
HEAD3	START		34 TY	35 TY	91	92				
HEAD4	START		34 TY	35 TY	95	96	97			
HEDAL	JFBGIN		31 TY							
HEDCUN	NPUTOT		30 TY	31 TY	118 IO					
HEDFUS	WRFM		18 TY	20 TY	23 IC	48 IC				
HEDGUN	NPUTOT		30 TY	32 TY	131 IO					
HEDG*	WRFM		18 TY	20 TY	38 IO	88 IC				
HEDINO	WRVP		15 TY	16 TY	29	30	31	53	54	
HEDINO	WRVP		55	72 IO						
HEDIPL	NPUTOT		30 TY	31 TY	35 IO					
HEDJET	NPUTOT		30 TY	31 TY	110 IO					
HEDJET	WRFM		18 TY	20 TY	31 IC	72 IC				
HEULWG	WRFM		18 TY	20 TY	27 IO	62 IC				
HEUMPL	NPUTOT		30 TY	32 TY	61 IO					
HEDMRF	WRFM		18 TY	20 TY	24 IC	52 IO				
HEDMRQ	WRFM		18 TY	20 TY	34 IO	92 IO				
HEDPNT	WRVP		15 TY	17 TY	42	43	44			
HEDRWG	WRFM		18 TY	20 TY	24 IO	60 IO				
HEDSCS	NPUTOT		30 TY	32 TY	134 IO					
HEDSTB	NPUTOT		30 TY	31 TY	88 IC	94 IC	100 IC	106 IO		
HEDSUV	WRFM		18 TY	20 TY	41 IO	99 IO				
HEDTAR	NPUTOT		30 TY	32 TY	140 IC					
HEDTPL	NPUTOT		30 TY	32 TY	78 IO					
HEDTRF	WRFM		18 TY	20 TY	25 IC	56 IC				
HEDTRU	WRFM		18 TY	20 TY	40 IC	96 IC				
HEDTST	NPUTOT		30 TY	32 TY	137 IO					
HEDXBW	NPUTOT		30 TY	32 TY	128 IO					
HEDXFC	NPUTOT		30 TY	32 TY	125 IO					
HEDXFS	NPUTOT		30 TY	31 TY	38 IO					
HEDXIT	NPUTOT		30 TY	32 TY	122 IO					
HEDXMG	NPUTOT		30 TY	31 TY	50 IC					
HEDXST	NPUTOT		30 TY	31 TY	115 IO					
HEDXTK	NPUTOT		30 TY	31 TY	67 IC					
HEDXWG	NPUTOT		30 TY	31 TY	82 IO					
HEUYFS	NPUTOT		30 TY	32 TY	41 IC					
HEDYRW	NPUTOT		30 TY	31 TY	46 IC					
HENO	SIVAR		28 TY							
HF			42 TY							
HF	START		35 TY							
HF	WRVP		16 TY	17 TY						
HFAC	AZMUTH		2 TY	82 *	112	117	121 IC			
HFILT	FLHINT	MANAL	6 CC	45 SA						
HFILT	ITROT	MANAL	15 CC	126 *	131 SA					
HFILT	THIM	MANAL	11 CC	56 *						
HFILT	TVTRIM	MANAL	10 CC	98 SA						

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TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS					
#FINE	SIVAR		28 TY					
#FL			42 TY	42 TY				
#FLA	ALSTAB		22 TY					
#FLAP	#RVP		16 TY	16 TY				
#FOLD	SIVAR		28 TY					
#FORCE	AFTRIM	#ANAL	13 CC	75 *				
#FORCE	ANAL	#ANAL	11 CC	38	39	40	55	56	57
#FORCE	GRDNTH	#ANAL	3 CC	27	45				
#FORCE	INSTAB	#ANAL	4 CC	102	130				
#FORCE	ITRET	#ANAL	11 CC	123 *	130	131 SA			
#FORCE	STAB	#ANAL	4 CC	159	165				
#FORCE	TRIM	#ANAL	3 CC	47					
#FORCE	TVTRIM	#ANAL	14 CC	126	135 *	259			
#FORCE	WRUPTH	#ANAL	12 CC	105					
#FORCE	#REPT	#ANAL	4 CC	36 ID	36 ID				
#FORCE	#RVP	#ANAL	4 CC	35 ID	35 ID				
#FORCE	ZERO	#ANAL	2 CC	41 *					
#FRC	AZMUTH	ANSUBT	4 CC	7 TY	152 *	152			
#FRC	ITRET	ANSUBT	1 CC	5 TY	139 *	123	144		
#FSD	SIVAR		28 TY						
#G	SIVAR		29 TY						
#GMUN	AZMIST	#ANAL	13 CC	63 *					
#GMUN	AZMUTH	#ANAL	2 TY	16 CC	112	120	121 IC		
#GMUN	LOADT	#ANAL	14 CC	51 ID	67				
#GMUN	TVTRIM	#ANAL	12 CC	114 IC					
#GST#	GUST	STRIMA	21 CC	90 *					
#GST#	VGRGST	STRIMA	21 CC	99 *	100 *				
#GSTW	WING	STRIMA	26 CC	50					
#GUST	FUSENM	STAMAN	14 CC	25					
#GUST	GPELGE	STAMAN	10 CC	26					
#GUST	GUST	STAMAN	4 CC	72 *					
#GUST	VGRGST	STAMAN	8 CC	80 *					
#GUSTN	#GUST	STAMAN	15 CC	28 *	69 *	74 *	79	81	
#GUSTN	#VRGST	STAMAN	12 CC	43 *					
#GUSTS	GUST	#ANAL	3 CC	77 *					
#GUSTS	STUENM	#ANAL	10 CC	97					
#GUSTS	VGRGST	#ANAL	3 CC	45 *					
#GUSTX	GUST	#ANAL	5 CC	52 *					
#GUSTX	VGRGST	#ANAL	6 CC	90 *					
#GUSTX	XSTORE	#ANAL	6 CC	32					
#GVO	SIVAR		29 TY						
#H			4 *	5					
#HORI	SIVAR		28 TY	28 TY					
#I	ALSTAB		22 TY						
#ICR	TRIM		33 TY	33 TY					
#ICS	SIVAR		28 TY	28 TY					
#ILIN	SIVAR		29 TY						
#ILLT	SIVAR		28 TY	29 TY	29 TY	29 TY	29 TY	29 TY	29 TY
#ILT	SIVAR		28 TY						
#ITA6	PTBOUT		46 *	53	53				
#ITAB	START		64 *	71	75				
#L	CGXANM	STAMAN	11 CC	21					
#L	CGYANM	STAMAN	11 CC	23					
#L	CGZANM	STAMAN	11 CC	23					
#L	INRC	STAMAN	13 CC	111 *					
#L	MNEM	STAMAN	13 CC	37	38	39			
#L	MTLT	STAMAN	8 CC	29	30	31			
#LA	JFBGIN		31 TY						
#LAT			42 TY						
#LAT	ALSTAB		22 TY						
#LAT	#RVP		16 TY	16 TY	17 TY				
#LATE	SIVAR		28 TY						
#LIAN	SIVAR		28 TY						
#LIC	#RVP		16 TY	16 TY					
#LIED	SIVAR		28 TY						
#LPYLD	CGXANM	STAMAN	11 CC	25					
#LPYLD	CGYANM	STAMAN	11 CC	29					
#LPYLD	CGZANM	STAMAN	11 CC	27					
#LPYLD	INRC	STAMAN	13 CC	106 *					
#LPYLD	MNEM	STAMAN	13 CC	40	41	42			
#LPYLD	MTLT	STAMAN	8 CC	32	33	34			
#LTN	SIVAR		28 TY						
#M			42 TY						
#MAS	SIVAR		28 TY						
#MENT	SIVAR		28 TY						
#MOM			42 TY	42 TY					
#MOM	#RVP		17 TY	17 TY					
#MOVE	SIVAR		28 TY						
#MR	#RVP		16 TY	17 TY					
#ME	SIVAR		28 TY	28 TY					

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS
ANGLE	SIVAR		29 TY
ANTA	SIVAR		28 TY
AOUT	UNSTED		86 * 102
AOLD	INVERS		13 * 14 15 22 * 24 27 * 29
AOLD	INVERS		55 * 57 61 * 63
AOLL	WRVP		16 TY
AORB	SIVAR		28 TY
AORE	WREM		19 TY 19 TY
AP	ALSTAB		22 TY
AP	JPBGIN		31 TY
AP	SIVAR		29 TY
APE	SIVAR		28 TY
APE	WRVP		16 TY
API	WRVP		16 TY
APON	SIVAR		28 TY
AP5	ALSTAB		22 TY
APSUP	WRTMNV		27 * 29
APTOT	WRTMNV		28 * 29
AQ	SIVAR		29 TY
AQAD	SIVAR		28 TY 28 TY
AQUL	SIVAR		29 TY
AR	SIVAR		29 TY
AR	WRVP		16 TY
ARAKE	SIVAR		28 TY
ARAL	SIVAR		28 TY
ARAU	SIVAR		29 TY 29 TY 29 TY 29 TY 29 TY
ARC	SIVAR		29 TY
ARCKE	SIVAR		29 TY
ARESP	MRESP		1
ARESP	ITHOT		138 SN
ARON	WRVP		16 TY
ARUT	SIVAR		28 TY
ASPM	SIVAR		28 TY
ASTEX	SIVAR		29 TY
ASTIC	SIVAR		28 TY
ASUST	SIVAR		28 TY
ASHR	FOCUS	MANAL	7 CC 47 *
ASHR	OPSHFT	MANAL	6 CC 21 24
ASHR	LOADT	MANAL	11 CC 51 10 68
ASHR	SHAPYL	MANAL	7 CC 38 * 38
ASHR	TVTRIM	MANAL	13 CC 114 10
ASHRN	AZMUTH	ANDGIT	4 CC 7 TY 140 * 140
ASHRN	FOCUS	ANDGIT	2 CC 5 TY 47
ASHRN	ITHOT	ANDGIT	2 CC 5 TY 137 * 138 * 138 144 * 154
ASHRN	OPPOD	ANDGIT	2 CC 5 TY 25 39 10
ASIDE	START		35 TY
ASINU	SIVAR		28 TY
ASGID	SIVAR		28 TY
AST	WREM		19 TY 19 TY
ASUPP	SIVAR		28 TY
AT			42 TY
AT	SIVAR		28 TY
ATCH	WRVP		16 TY
ATCY	JPBGIN		31 TY
ATICK	SIVAR		28 TY 28 TY
ATIPSU	INAC	STARAN	21 CC 126 * 128 128
ATIPSU	VINC	STARAN	13 CC 20 20
ATOP	SIVAR		28 TY 29 TY 29 TY 29 TY 29 TY 29 TY
ATOR	SIVAR		28 TY
ATR	WRVP		16 TY 17 TY
ATRA	SIVAR		29 TY
ATSI	SIVAR		28 TY
ATTI	SIVAR		28 TY
AUBALC	LOADT		31 TY 75 * 149 SA
AUBG1	WRMANU		19 TY 20 EQ 32 10
AUBG2	WRMANU		19 TY 20 EQ 39 10
AUBSHR	LOADT		96 SA 97 SA 98 SA 99 SA
AUBSHR	LOADT		31 TY 68 * 69 * 70 * 71 * 72 * 95 SA
AV	ALSTAB		22 TY
AVE	SIVAR		28 TY
AVER	SIVAR		28 TY
AW	ALSTAB		22 TY
AW	START		35 TY
AWAKT	STDENM		69 * 71 71
AWAU	SIVAR		28 TY
AWEA	SIVAR		28 TY
AYA	SIVAR		28 TY
AYAB	START		35 TY 35 TY
AYAB	WRVP		16 TY
AYCLI	TRIM		33 TY 33 TY

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
MYTH	SIVAR		28 TY						
MZUNT	SIVAR		28 TY						
MZSI	SIVAR		28 TY						
I			3						
I			6 *						
I			13 *						
I	AFTHIM		83 *	84	85				
I	ALLMAT		33	35 *	36	37	37	38	41 *
I	ALLMAT		199	202 *	203	206 *	207	208	209
I	ALLMAT		183	181	192	183	186	198	195
I	ALLMAT		75	76	110 *	111	131 *	136	138 *
I	ALLMAT		47	49	51	53 *	55	55	55
I	ALLMAT		210	212	212	216 *	217	227 *	228
I	ALLMAT		42	42	43	43	45 *	46	47
I	ALLMAT		21 *	22	24	30 *	31	32	32
I	ALLMAT		229 *	230	233	232 *	233		
I	ALLMAT		139	148 *	149	171 *	173	174	179 *
I	ALLMAT		59 *	60	61 *	63	65	72 *	74
I	ALSTAH		39 *	43	40	41	41	44 *	45
I	ALSTAH		69	70	70	72	72	86 *	87
I	ALSTAH		45 *	46	46	46	50 *	52	52
I	ALSTAH		54 *	56	58	58	84 *	88	89
I	ALSTAH		48	89	90	91			
I	AZMIAT		37 *	38	38	38	39	39	39
I	BLMINT		67	67	68				
I	BLMINT		32 *	33	47	48	49	50	51
I	BNSINT		45 *	46					
I	OUTFLT		45 *	46 *	47				
I	CHOINT		24 *	25	26	27	28	29	29
I	CHOINT		30	30	30	30	31	31	32
I	CORR		28	29	30	30	34 IC	34 *	
I	CORR		19 *	20	22	22	22	22	27 *
I	ERRCHK		9 *	10	50 *	51	52 IC		
I	FLOHM		29 *	30	31	32			
I	HANM		4 *	11	14 *	14	15		
I	HRESP		66 *	67	68	69	80	88	92
I	IMERMP		26						
I	INHLO		59 *	61					
I	INHLO		37 *	38	39	46 *	47	49 *	50
I	INHMSS		30 *	31	37	59 *	60		
I	INIT		55	56 *	57	57	60 *	62	64
I	INIT		47	47	47	48	48	48	50
I	INIT		37	37	38	38	39	39	43
I	INIT		41	42	44	44	46	46	46
I	INIT		31 *	32	34	35	35	36	36
I	INRO		47 *	48	52 *	53	58 *	59	59
I	INRTH		28 *	29	55 *	56	57	58	63 *
I	INRTH		64	64	65	65			
I	INSCAS		17	38					
I	INSCAS		28 *	29	36	36	36	37	37
I	INSTAH		156	156	158 *	159	165	165 *	166
I	INSTAH		166	167	167	168	168	169	169
I	INSTAH		152	153	153	154	154	155	155
I	INSTAH		175 *	174	176 *	177	231 *	233	234
I	INSTAH		132 *	133	133	134	134	151 *	152
I	INSTAH		239 *	240					
I	INVERS		12 *	13	16	21 *	22	23	23
I	INVERS		55	56	56	57			
I	INVERS		54	39 *	42	42	42	42	54 *
I	IOMAT		42 *	49 IO	44 *	49 IO	49 *	53 *	60 IO
I	IOMAT		106 *						
I	IOMAT		19 *	26 IO	26 *	26 IO	26 *	33 IO	33 *
I	IOMAT		31 *	38 IO	38 *	38 IO	38 *	42 IO	42 IO
I	IOMAT		93 *	93 IO	93 *	97 *	94 IO	94 *	94 IO
I	IOMAT		94 *	98 IO	98 *	98 *	106 IO	106 *	106 IO
I	IOMAT		72 *	72 IO	72 *	76 IO	76 IO	76 *	83 IO
I	IOMAT		60 *	60 IO	60 *	64 IO	64 *	65 *	72 IO
I	IOMAT		8 IO	8 IO	8 *	15 IO	15 *	15 IO	15 *
I	ITRIM		85	86	86	114 *	115	117	124 *
I	ITRIM		74 *	75	75	76	76	84 *	85
I	ITRIM		125	127	139 *	140			
I	ITROT		89 *	90	91	99 *	100	101	
I	JACOBI		37 *	38	38	38	38		
I	JERGEN		44 IO	44 *					
I	JSTRED		112 IO	112 *	193 IO	193 *			
I	LIZE		162	163	164	165	166	168 *	169
I	LIZE		100 *	101	101	117 *	118	153 *	154
I	LIZE		171	171	172	173	174	175	176
I	LIZE		177	179 *	180				
I	LIZE		87 *	88	89 *	90	97 *	98	98

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
1	LIZE		155	156	157	158	159	160	161
1	LOADT		44 *	45	46	61 *	62	62	
1	MANU		61	79 *	80	80	80	80	80
1	MANU		89						
1	MANU		81	81	81	87 *	88	88	89
1	MDRDRS		78	91	91	93 *	94	95	100
1	MDRDRS		111	112	113	114	115	116	117
1	MDRDRS		119 *	120	121	122	143	126 *	128
1	MDRDRS		101	102	103	104	105	109 *	110
1	MDRDRS		20 *	22	22	25	25	76 *	78
1	MDRDRS		120	133	131	134 *	135	136	
1	MODAL		66	77 IC	77 *	77 IC	77 *	77 IC	77 *
1	MODAL		29 *	30	30	40 *	41	41	44 *
1	MODAL		78 IC	78 *	78 IC	78 *	78 IC	78 *	
1	MODAL		45	45	61 *	62	62	62	68 *
1	MODLS		32 *	13	34	34	34	34	34
1	MODES		93 *	24	107	121 *	123	124	125
1	MODES		126	127	128				
1	MODES		48	51	52	53	89 *	90	90
1	MODES		35	36	37	39	40	41	40 *
1	MPCNTL		45 *	47	48	54 *	55	56	
1	MPRTR		48 *	53	57	52	59 *	61	63
1	MPRTR		68 *	69	71	76 *	78	81	83
1	MPRTR		36	37	41 *	42	43	44	47
1	MPRTR		23 *	24	25	27	34 *	35	36
1	NUPS		13 *	14	14	15	16	17	
1	NOUTOT		46 IC	46 *	115 IC	115 *			
1	NUMRTF		31	36 *	40	41	41	42	42
1	NUMRTF		64	65	66	66	68	70	
1	NUMRTF		44	44	52 *	53	54	55	55
1	NUMRTF		23 *	22	22	24	24	25	29 *
1	NUMRTF		58 IC	58 *	58 IC	58 *	62 *	63	63
1	POPFOD		54						
1	POZERO		14	15	15	15	16 *	17	19
1	POZERO		5 *	6	7	8	13 *	14	14
1	POZERO		23 *	24	26				
1	PMSMAG		18 *	19	19	20	21	22	22
1	PMSMAG		24	26	27 5A	28	29	40	53 IC
1	PRETVT		30 *	31	32	74 *	76	103 *	104
1	PTHOUT		49 *	50	52 *	53			
1	PUNCH		34	61 *	62	65	77		
1	PUNCH		24 *	26	27	29	30	32	33
1	READIN		114 *	115 IC	116	117			
1	REDATP		13 IC	13 *					
1	REDMMS		6 IC	6 *	6 IC	6 *			
1	REDCL		3 IC	1 *	13 IC	13 *	14 IC	14 *	
1	REDRWK		52						
1	REDRWK		43 IC	43 *	44 IC	44 *	45 IC	45 *	51 *
1	REDSWK		13	14	14	15	16	25 IC	26 IC
1	REDSWK		9 *	10	12 IC	12 IC	14 IC	12 IC	16
1	REDSWK		27	27	28	28	29 IC	35 IC	41 IC
1	RESTRT		104	104	106	106	125 *	126	126
1	RESTRT		97	98	99	99	103	130	103 *
1	RESTRT		56 *	57	57	58	58	77 *	78
1	RESTRT		142	144	144	148 *	150	150	
1	RESTRT		124	128	132 *	134	139	141 *	142
1	RESTRT		78	90	80	95 *	96	96	97
1	RTINIT		51 *	52	57 *	58	59	62 IC	69 *
1	RTINIT		73	75 *	76	77	80 IC		
1	RTWAKE		12	12					
1	SOLVE		5 *	9	15	16			
1	STAB		33 *	34	40 *	41	42	45 *	46
1	STAB		42 *	83	83	84	84		
1	START		58 *	59	59	60	63	65 *	66
1	START		75	76					
1	START		66	70 *	71	71	72	74 *	75
1	STUFNM		81	82	82	83	83	84	92
1	STPFNM		175	176	141	181	131	181	181
1	STRFNM		44 *	45	46	46	47	47	47
1	STUFNM		183	183	183	186	185	186	
1	STRFNM		100	101	101	101	102	103	103
1	STUFNM		164	165	166	171	172	173	174
1	STRFNM		105	105	106	106	106	106	107
1	STRFNM		117	118	119	137	138	153	155
1	STUFNM		92	92	93	93	93	94	94
1	STUFNM		156	157	157	158	159 5A	161	163
1	STRFNM		48	48	48	49	49	49	51
1	STRFNM		182	182	182	182	182	183	183
1	STUFNM		107	107	107	110	110	110	110
1	STRFNM		95	95	97	98	99	100	100

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
1	STRFNM		52	54	56	56	80	80	81
1	STUFNM		103	104	104	104	104	105	105
1	STRINT		30	31	42 *	43	44	45	54 *
1	STUINT		55	56	57	68 *	69	70	71
1	STGINT		3 TY	16 *	17	18	19	28 *	29
1	STRINT		81 *	82	83	84			
1	STEBAK		20 *	21	22	30 *	31	32	
1	STHZIN		52	52	52	53	53	54	54
1	STWZIN		49	49	50	50	51	51	51
1	STBZIN		38	39	39	40	40	41	41
1	STRZIN		54	55	55	55			
1	STUZIN		45	46	46	47	47	48	48
1	STQZIN		34	35	36	36	37	37	38
1	STGZIN		42	42	43	43	44	44	45
1	STEZIN		29 *	30	30	31	31	32	33
1	SVINT		22 *	23	24				
1	SWAP		9 *	11	11	12	12	13	13
1	SWAP		47 *	51	52	52	53	53	55
1	SWAP		19 *	20	22 *	23	23	24	24
1	SWAP		25	28 *	30	33	33	34	34
1	SWAP		35	37 *	39	39	41	41	42
1	SWAP		55						
1	SWAS		19 *	20	21	22			
1	SWSRAT		30 *	32	34	34	34		
1	TAGFIX		47						
1	TALFIX		28 *	29	31	33	36	37	46 *
1	TAHFIX		4 *	5	8	11	12	21 *	27
1	TAHINT		26	29	31				
1	TAGINT		5 *	6	7	10	12	24 *	25
1	TILT		46 *	47	48				
1	TIMEJD		53						
1	TIMEQD		44 *	46	47	47	60 *	61	82 *
1	TRIM		64 *	65	92 *	93	94	94	95 10
1	TVTRIM		239	239	239	240	240	240	481 *
1	TVTRIM		188	217 *	219	223	236 *	239	239
1	TVTRIM		163 *	164	164	165	165	166	166
1	TVTRIM		103 *	104	144 *	145	145	146	146
1	TVTRIM		252	252	253	253			
1	VAKI		181 *	182	192	183	193		
1	WAG		9 *	11	14	18	20	20	21
1	WAG		23	26	26	32	32	34	
1	WKTAHN		16 *	20	27 *	27	28	29	33
1	WKTAHN		34	36	40	40	41	41	42
1	WKTAUN		47	48	49				
1	WRHMTV		27	28	31 10	31 *	34 *	35	36 10
1	WRHMTV		42 *	43	44 10	50 *	51	53	53
1	WRUMTV		6 *	7 SA	7 SA	7 SA	10	12	13
1	WRFMTV		16	17	18	21	22	23	26
1	WRUMTV		55	55	55				
1	WRINST		30	30	37	57	61 10	61 *	62 *
1	WRINST		29	29	30	30	31	31	32
1	WRINST		32	33	33	34	34	35	35
1	WRINST		51	52	52	53	53	54	54
1	WRINST		41 *	42 *	43	44	44 10	50 *	51
1	WRINST		63	64	64 10				
1	WRINST		23 10	23 *	24 *	25	26	26 10	28 *
1	WRINST		36	36	37	37	38	38	41 10
1	WRMANU		52 10	52 *	59 10	59 *	66 10	66 *	78 10
1	WRMANU		96						
1	WRMANU		78 *	85 10	85 *	92 10	93 *	95 *	96
1	WRMODE		22 *	26 *	27	27			
1	WRMODE		22 10	22 10	22 10	22 10	22 10	22 10	22 10
1	WRMS		47 10	47 *	47 10	47 *			
1	WRMS		15 *	17	18	19	20	21	22
1	WRMS		29 10	29 *	36 10	36 *	36 10	36 *	41 10
1	WRMS		41 *	41 10	41 *	41 10	41 *	47 10	47 *
1	WRUPTM		128 10	129 *	128 10	128 *	128 10	128 *	128 10
1	WRUPTM		133 10	133 *	137 10	137 *	137 10	137 *	
1	WRUPTM		128 *	128 10	128 *	128 10	128 *	128 10	128 *
1	WRPERT		27	28	29	32 10	32 *	32 10	32 *
1	WRPERT		33 10	33 *	33 10	33 *			
1	WRPERT		18 *	20	20	21	22	25 *	26
1	WRUSDP		3 10	3 *					
1	WRRWK		98 *	99					
1	WFRWK		37 *	38	39	46 10	46 10	53 *	54
1	WRRWK		56	60 *	61	61	72 *	73	76 10
1	WRSMTV		25 10	25 10	25 10	26	27	27	29
1	WRSMTV		11	12	12	14	15	16	16
1	WRSMTV		18	19	22 *	23	23	24	25 10
1	WRSMTV		30						

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS							
1	#KSMTV		10 IC	10 10	10 10	10 IC	10 10	10 10	10 10	10 10
1	#RSMTV		6 *	7	7	8	8	9		10 10
1	#KSTAB		31 *	32 10	32 *					
1	#RSTAB		20 *	25 10	25 *	25 10	25 *	34 *	35 10	
1	#KSTAB		35 *	35 10	35 *	40 IC	40 *	40 10	40 *	
1	#RSTAB		7 IC	9 *	15 IC	15 *	15 IC	15 *	20 IC	
1	#RSTAB		45 IC	45 *	45 IC	45 *	45 IC	45 *	51 IC	
1	#KSBR		9 *	10	11	12	12	14	15 IC	
1	#KSBR		16 IC	16 10	17	17	20 10	20 10	24 IC	
1	#RSBR		29 IC	35	35	35	40	40	40	
1	#RTMNV		25 10	25 *	38 IC	38 *				
1	#RTNSF		7 *	8	15 IC	15 *	15 IC	15 *	15 IC	
1	#RTNSF		23 IC	23 *	24 IC	24 IC	24 *	28 *	30	
1	#RTNSF		33 IC	33 *						
1	#RTNSF		15 *	15 10	15 *	15 10	15 *	15 10	15 *	
1	#KVP		46 IC	46 *	57 *	58	60	61	72 IC	
1	#RVP		72 *	72 10	72 *					
1	#SHOUF		23	24	25	26				
1	#SHOUF		12 *	13	17	17	17	18	18	
1	XCONIN		85	95	86	86	87	87	88	
1	XCONIN		100							
1	XCONIN		92	92	93	93	94	94	95	
1	XCONIN		95	96	96	97	97	99 *	100	
1	XCONIN		88	99	89	90	90	91	91	
1	XCONIN		25 *	26	32 *	33	83 *	84	84	
1	YFINIT		41	41	43 *	49	50	50	50	
1	YFINIT		27 IC	27 *	34 *	35	35	36	36	
1	YFINIT		56	56	56	57	57	57	58	
1	YFINIT		51	51	52	52	52	54 *	55	
1	YFINIT		58	58						
1	YFINIT		37	37	38	39	39	40	43	
1	YRINIT		5 *	7	7	7	8	10	10	
1	YSINIT		6 *	9	8	9	9	9	9	
1	YSINIT		9	11	11					
1	ZERO		105	106	107	108	109	111 *	112	
1	ZERO		113	114	117 *	120	121	122	123	
1	ZERO		63 *	64	65	66	67	69	89 *	
1	ZERO		89	90	92 *	93	94	99	104 *	
1	ZLLCAL		36	36						
1	ZLLCAL		17 *	18	19	21	22	24	25	
1	ZLLCAL		31	32	34	34	34	34	36	
ABS	LOGINT		33	34	37	38	47	54	55	
IBR	EXTORS		21 *	23						
IBM	FROKES		1	9	9	9	14	14	14	
IBM	INSTAB		212 *	213						
IBM	NUMBTF		17 *	18	27	49 SA	58 10	93 SA	95	
IBM	SWAP		1	15 10	44					
IBMSAV	ALSTAB	ASTAB	2 CC	88 *						
IBMSAV	NUMBTF	ASTAB	2 CC	95 *						
IBMSAV	#RTNSF	ASTAB	2 CC	12	13	14				
IOM1	#RTNSF		12 *	15 10						
IOM2	#RTNSF		13 *	15 10						
IOM3	#RTNSF		14 *	15 10						
IHRAKE	DERIV	STAMAN	14 CC	78						
IHRAKE	LIZE	STAMAN	14 CC	127 *						
IHRAKE	MNEM	STAMAN	14 CC	86 *						
IHRAKE	VARI	STAMAN	14 CC	139 *	140 *					
IH1	CMCALC		95 *	99 *	103 *	106 *	110	114	114	
IH1	CMCALC		114	116	116	116	117	121	121	
IH1	CMCALC		3 TY	73 *	77 *	80 *	84 *	87 *	92 *	
IH2	CMCALC		3 TY	74 *	107 *	110 *	117	118	118	
IH2	CMCALC		114	120	123	120				
IO	INVERS		37 *	38	38	38				
ICAN	DERIV	STAMAN	13 CC	95	89	92 *	93			
ICOM	READIN	TAPLOT	25 CC	50 10	51 IC					
ICOM	#PCMAT	TAPLOT	2 CC	3 IC						
ICOUNT	ALLMAT		93 *	113	114	115	116 *	116		
ID	PUNCH		23 *	39 10	40 IC	56 *	76 IC	77 IC		
ID	YFINIT		17 TY	23 TY	27 IC					
IDOF1	COMM	STRIAN	2 CC	19	27					
IDOF1	DAMPER	STRIAN	2 CC	10						
IDOF1	INSTAB	STRIAN	21 CC	42 *	44	61 *				
IDOF1	ITHIN	STRIAN	20 CC	39 *	42 *	56	56	120	133	
IDOF1	ITFIN	STRIAN	144							
IDOF1	JACOBI	STRIAN	14 CC	23						
IDOF1	TFIV	STRIAN	22 CC	31 *						
IDOF1	WRVP	STRIAN	2 CC	20	43					
IDOF2	COMM	STRIAN	2 CC	19	27					
IDOF2	DAMPER	STRIAN	2 CC	10						
IDOF2	INSTAB	STRIAN	21 CC	43 *	44	62 *				

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
IDUF2	ITRIM	STRIAN	149						
IDUF2	ITRIM	STRIAD	29 CC	40 *	43 *	57	57	120	133
IDUF2	JACOBI	STRIAN	14 CC	29					
IDUF2	TRIM	STRIAN	32 CC	42 *					
IDUF2	WRVP	STRIAN	8 CC	20	44				
IDSTB	STOPNM	FUSBK	2 CC	44 *					
IDSTB	STRBAK	FUSBK	4 CC	15					
IDSTB	WING	FUSBK	6 CC	39 *					
IDT	CDCL		62	65	65	65	65	72	72
IDT	CDCL		28	29	30	31	32	33	34
IDT	CDCL		1	3 TY	23	24	25	26	27
IDT	CDCL		137	157	189	191	192	193	
IDT	CDCL		72	75	75	75	75	105	106
IDT	CLCD		44 *	53 SA					
IDT	RADIAL		52	54	40 SA	108 SA	122 SA	126	
IDT	RADIAL		1 TY	32 *	45	48	50	52	54
IDT	STRINT		1	3 TY	14	15	17	23	23
IDT	STRINT		23	24	27	29	36	38	38
IDT	STRINT		40	41	43	49	49	49	50
IDT	STRINT		53	55	62	64	64	64	65
IDT	STRINT		92	92	92				
IDT	STRINT		65	65	65	65	65	66	67
IDT	STRINT		89	91	91	91	92	92	92
IDT	STRINT		38	39	39	36	39	39	39
IDT	STRINT		69	76	76	76	77	80	82
IDT	UNSTED		78	78	125				
IDT	UNSTED		1	3 TY	38	69 SA	76	78	78
IDTAB	RADIAL	STARAD	18 CC	42					
IDTAB	RTINIT	STARAD	14 CC	52 *	54 *	60	60 *	61	61
IDTAB	RTINIT	STARAD	52 IC	70 *	77 *	78	78 *	79	79
IDTAB	RTINIT	STARAD	90 IC						
IDTAB	WRORTM	STARAD	20 CC	48					
IDTABM	JSTRED		22 TY	23 EQ	51 IC				
IDTABM	NPUTOT		22 TY	23 EQ	56 IC				
IDTABM	READIN		26 TY	27 EQ	39 NA				
IDTABS	JSTRED	STARAD	16 CC	23 EQ	23 EQ				
IDTABS	NPUTOT	STARAD	16 CC	23 EQ	23 EQ				
IDTABS	READIN	STARAD	16 CC	27 EQ	27 EQ				
IDTABS	RTINIT	STARAD	14 CC	59	77				
IDTABT	JSTRED		22 TY	23 EQ	86 IC				
IDTABT	NPUTOT		22 TY	23 EQ	73 IC				
IDTABT	READIN		26 TY	27 EQ	39 NA				
IDTIP	WRORTM		48 *	49	54				
IDW	STRBAK		15 *	16	17	21	28	31	37
IDW	STRBAK		38	39	33	40	41	42	42
IDW	STRBAK		49	50	53	51	51	53	53
IDW	STRBAK		43	43	45	46	47	47	48
IE	REDCL		11 *	12	12 *	13 IC	14 IC	15	16
IER	ALLMAT		1	84 *	114 *				
IER	ALSTAC		74 SA	75					
IFK	FUSFNM		23 TY	121 SA	122 SA				
IFR	NUMRTF		46 SA	47	53 SA	58			
IFIX	PRETVT		95						
IFIX	STRINT		13	26	52	79			
IFLG	UNSTED		3 TY	76 *	77	77	126	126	
IGO			1						
IGO	AZMUTH	STARAN	27 CC	55 *	56 *				
IGO	BUNDEN	STARAN	9 CC	23	26	29			
IGO	UNSDER	STARAN	19 CC	35	38	41	51		
IM	WRSTAB		39 *	40 IO	45 IC				
II	CONK		25 *	35 IO					
II	PDPFOD		21 *	22	22	22	22	23	23
II	PDPFOD		23	23					
II	REDCL		6 *						
II	RTINIT		51	62 IO	68 *	70	76 *	77	79
II	RTINIT		50 *	52	58 *	56	63	60	61
II	RTINIT		78	79	79	80 IC			
II	WRHMTV		35 *	36 IO	43 *	44 IC	51 *	57 IO	
II	WRSNTV		9 *	13 IO	24 *	25 IC			
III	REDCL		10 *						
III	SOLVE		14 *	15	16	16	17		
IJ	AZMCUT		1	24	25 *	31 *			
IJ	AZMUTH		82 *	79 SA					
IL	WRSTAB		38 *	40 IO	45 IC				
IMFRMD	IMFRMP		1						
IMFRMD	MODES		36 SN						
IMP	IMFRMD		13 *	17	29	61	53		
IMI	ALLMAT		53 *	84					
IMI	TAMFIX		11 *	12 *	13	36 *	37 *	39	
IN	JSTRED		165 IC	166 IO	174 SA	175 IC	176 IC	183 SA	184 IO

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TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
IN	JSTRED		48 IO	49 IO	50 IO	51 IO	56 SA	58 IO	60 IO
IN	JSTRED		81 IO	82 IO	83 IO	84 IO	85 IO	90 SA	92 IO
IN	JSTRED		227 IO	231 SA	232 IO	236 SA	237 IO		
IN	JSTRED		67 SA	68 IO	69 SA	70	77 SA	78 IO	80 IO
IN	JSTRED		191 SA	193 IO	199 SA	200 IO	201 IO	205 SA	206 IO
IN	JSTRED		210 SA	211 IO	216 SA	217 IO	221 SA	222 IO	226 SA
IN	JSTRED		120 IO	124 SA	126 IO	129 SA	134 SA	135 IO	136 IO
IN	JSTRED		1	33 SA	34 IO	43 SA	44 IO	46 IO	47 IO
IN	JSTRED		122 SA	131 IO	132 SA	103	110 SA	112 IO	119 SA
IN	JSTRED		144 SA	145 IO	146 IO	154 SA	155 IO	156 IO	164 SA
IN	READIN		58 SA	60					
IN	READAT8		12 SA	13 IO	14 SA	15 SA	16 SA	17	
IN	READMS		1	6 IO					
IN	READCL		1	3 IO	13 IO	14 IO			
IN	READT8		1	3 IO	5 SA	8 SA			
IN	REDID		1	35 *	37 *				
IN	REDR8K		22 SA	23 IO	43 IO	44 IO	45 IO	57 IO	63 IO
IN	REDS8K		11 SA	12 IO	25 IO	26 IO	35 IO	41 IO	
INBLD	INBLD		1						
INBLD	INRC		65 SN						
INRMSS	RLMINT		24 SN						
INRMSS	INRMSS		1						
IND	AFTRIM	MANAL	12 CC	56 *	105 *				
IND	ANAL	MANAL	10 CO	115					
IND	AZMUTH	MANAL	13 CO	42	71	72	131	135	
IND	DERIV	MANAL	9 CC	98					
IND	FUSACC	MANAL	5 CC	28					
IND	ITNCT	MANAL	12 CC	128	185				
IND	LIZE	MANAL	12 CC	148 *					
IND	MANU	MANAL	9 CO	76	83 *	92 *			
IND	MODIAL	MANAL	10 CC	139					
IND	ROTAN	MANAL	12 CC	66					
IND	TVTRI4	MANAL	13 CC	68 *	176 *	232	244 *	268 *	
IND	VARI	MANAL	9 CC	22					
INDEX	ALLMAT		102 *	103 *	109	112	129 *	130	133
INDEX	ALLMAT		131	144 *	147	148	238 *	240	241
INDIC	TARINT		1	4 *	8 *	14 *	27 *	33 *	
INDIC	TIVAN		23 *	24	25 *	26	26	27	
ING	ALLMAT		10 TY	27 *	238				
INIT	INIT		1						
INIT	TIMEP		72 SN						
INIT	TVTRIM		113 SN						
INRU	INRC		1						
INRU	RTINIT		36 SN	43 SN					
INRTN	INRC		184 SN						
INRTN	INRTN		1						
INSCAS	INSCAS		1						
INSCAS	JFINGIN		77 SN						
INSTAB	CONSTB		24 SN						
INSTAB	INSTAB		1						
INSTB	AJACOB	STARAN	18 CC	93					
INSTB	CONSTB	STARAN	10 CC	23 *	53 *				
INSTB	INSTAB	STARAN	15 CO	144 *					
INSTB	JACOBI	STARAN	10 CO	55					
INSTB	LIZE	STARAN	23 CC	81 *					
INTAB	STANT		68 *	72 *	76 *	78			
INTER	ALLMAT		38						
INTER	ALLMAT		20 *	26 *	27	25	32	33	37
INTERO	AZMUTH		78 SN						
INTERO	INTERO		1						
INTH	ALLMAT		7 TY	181 *	180 *	208			
INTO	AZMUTH	STARAN	25 CC	78					
INTO	HMSINT	STARAN	13 CC	58 *					
INTO	MODAL	STARAN	18 CC	79					
INTO	ORGPTM	STARAN	25 CC	88					
INTO	ZERO	STARAN	15 CO	42 *					
INVERS	ALSTAB		61 SN						
INVERS	INVERS		1						
INVERS	NUMRTF		33 SN						
INVERS	SKAP		45 SN						
INXL	FAOFIX		29 *	30	32				
IOMAT	IOMAT		1						
IOMAT	MODES		88 SN						
IPAS	HUNDER		14 *	15	16	17	18		
IPAS	UNSDER		25 *	26	27	28	29	30	
IPAST	HUNDER		13 *	14					
IPAST	UNSDER		24 *	25					
IPASI	HUNDER		15 *	16	17	18			
IPASI	UNSDER		26 *	27	28	29	30		
IPL	AFTRIM	INSTAB	4 CC	38	38	39	136		

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
IPL	ULMINT	INSTAR	3 CO	24	34	71			
IPL	FRKCHK	INSTAR	10	31	32	33	33	35	35
IPL	LRRCHK	INSTAR	16	16	17	17	18	18	23
IPL	ERRCHK	INSTAR	23	24	24	25	25	26	26
IPL	FRRCHK	INSTAR	27	27	28	28	29	29	30
IPL	ERKCHK	INSTAR	4 CO	12	12	14	14	15	15
IPL	FRRCHK	INSTAR	36	36	37	38 *	41	41	42
IPL	ERRCHK	INSTAR	47	47	48	48	49	49	
IPL	ERRCHK	INSTAR	43	43	43	44	44	46	46
IPL	INPLO	INSTAR	2 CO	20	44				
IPL	INRO	INSTAR	3 CO	68	87	136	140	154	164
IPL	ITFIN	INSTAR	2 CO	41	41	65			
IPL	JSTRED	INSTAR	171	181	189	192	231	214	
IPL	JSTRED	INSTAR	3 CO	34 IO	37	40	41	46	50
IPL	JSTRED	INSTAR	84	85	97	98	102 SA	108	111
IPL	JSTRED	INSTAR	50	51	65	69 SA	75	80	84
IPL	JSTRED	INSTAR	115	116	132	136	141	151	161
IPL	LGCINT	INSTAR	71 *	72	72	72 *	73	74	75
IPL	LGCINT	INSTAR	76	77	76	76	79	80 IO	81 *
IPL	LGCINT	INSTAR	38	39	41	42	44	47	48
IPL	LGCINT	INSTAR	49	51	53	54	54	54	55
IPL	LGCINT	INSTAR	3 CO	27	29	29	29 *	30	30 *
IPL	LGCINT	INSTAR	55	56	57	58	59	63	64
IPL	LGCINT	INSTAR	65	66	69	70	71	71	71
IPL	LGCINT	INSTAR	33	33	34	34	35	36	37
IPL	LGCINT	INSTAR	83	84					
IPL	LIZE	INSTAR	3 CO	34	54 *				
IPL	MANU	INSTAR	3 CO	44					
IPL	MNEM	INSTAR	4 CO	32	82 *	85	134		
IPL	NUAL	INSTAR	3 CO	27	34	34	64	75	76
IPL	NPUTOT	INSTAR	3 CO	35 IO	44	49	49	51	55
IPL	NPUTOT	INSTAR	81	83	113	113	114	119	
IPL	NPUTOT	INSTAR	55	56	66	68	72	72	73
IPL	PRETVT	INSTAR	4 CO	34					
IPL	PTOOUT	INSTAR	6 CO	13	17	26	35	48	
IPL	READIN	INSTAR	41 *	82 *	83 *	85	85	85 *	95
IPL	READIN	INSTAR	4 CO	39 NA	53	67	71	73	73 *
IPL	RFADIN	INSTAR	74	75 *	76 *	77 *	78 *	79 *	80 *
IPL	REDATA	INSTAR	6 CO	9					
IPL	REDID	INSTAR	2 CO	23	30	41	44		
IPL	REDRBK	INSTAR	4 CO	16	17				
IPL	REDSBK	INSTAR	4 CO	8					
IPL	RTINIT	INSTAR	2 CO	48	49	50	67	68	85
IPL	RTINIT	INSTAR	85	86	86				
IPL	SIVAR	INSTAR	2 CO	31	35				
IPL	START	INSTAR	6 CO	49	82 SA	84 SA	84	84	85
IPL	START	INSTAR	45	46	87	88	88	89	
IPL	TRIM	INSTAR	4 CO	101					
IPL	TRMINT	INSTAR	31	30					
IPL	TRMINT	INSTAR	17	17	14	18	24	30	30
IPL	TRMINT	INSTAR	2 CO	13	13	13	14	14	17
IPL	TVTREM	INSTAR	9 CO	111					
IPL	WREM	INSTAR	2 CO	31	45	70			
IPL	WRLPTR	INSTAR	7 CO	43	83	95			
IPL	WRIBK	INSTAR	4 CO	22	24	67			
IPL	WRSBK	INSTAR	3 CO	7	7	8	13		
IPL	XSTINT	INSTAR	2 CO	11					
IPLERR	ERKCHK		3 TY	10 *	12 *	13 *	14 *	15 *	16 *
IPLERR	ERRCHK		31						
IPLERR	FRKCHK		27 *	28 *	29 *	32 *	33 *	35 *	36 *
IPLERR	FRRCHK		41 *	33 *	43 *	46 *	47 *	48 *	49 *
IPLERR	FRKCHK		17 *	20 *	21 *	23 *	24 *	25 *	26 *
IPL1	ERKCHK	INSTAR	3 CO	13	13	13			
IPL1	ITFRIN	INSTAR	2 CO	63	78	87			
IPL1	JSTRED	INSTAR	3 CO	117					
IPL1	LGCINT	INSTAR	3 CO	27 *	28	28 *	42	43	57
IPL1	NPUTOT	INSTAR	3 CO	38					
IPL1	START	INSTAR	6 CO	49					
IPL1	TRMINT	INSTAR	2 CO	15	21	22	24	41 IO	
IPL11	JSTRED		111 *	112 IO					
IPL11	NPUTOT		44 *	45	46 IO				
IPL11	PTOOUT		48 *	49					
IPL11	RTINIT		48 *	61	79				
IPL11	YRINIT		1	9	11	37			
IPL13	REDSBK		3 *	9					
IPL13	WRSBK		3 *	9					
IPL16	JSTRED	INSTAR	3 CO	141 *	142	146			
IPL16	NPUTOT	INSTAR	3 CO	86	89				
IPL17	JSTRED	INSTAR	3 CO	151 *	152	156			
IPL17	NPUTOT	INSTAR	3 CO	92	95				

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
IPLIB	JSTRED	INSTAR	3 CO	161 *	162	166			
IPLIB	NPUTOT	INSTAR	3 CC	98	101				
IPLI9	JSTRED	INSTAR	3 CC	171 *	172	176			
IPLI9	NPUTOT	INSTAR	3 CO	104	107				
IPL2	REDATH		9 *	10					
IPL2I	JSTRED		192 *	193 10					
IPL2I	NPUTOT		114 *	115 10					
IPL4B	LOCINT		47 *	48	48	49	49		
IPL4B	YRINIT		1	33	34	35			
IPOINT	FILTER		1	8 *	8	9			
IPOINT	ITROT		130 *	131 SA	132	133 *	134 SA	135	
IPRINT	AZMOUT	ANOUIT	3 CO	23					
IPRINT	AZMUTH	ANOUIT	5 CC	79					
IPRINT	RADIAL	ANOUIT	5 CC	186					
IPRINT	RADOUT	ANOUIT	3 CO	23					
IPRINT	ROTAN	ANOUIT	3 CC	41 *	51 *				
IPSN	AZMUTH	TOPLOT	53 CO	153 SA	156 SA				
IPSN	INIT	TOPLOT	21 CO	76 SA					
IPSN	MANU	TOPLOT	21 CC	98 SA					
IPSN	PUNCH	TOPLOT	14 CC	17 10					
IPSN	READIN	TOPLOT	25 CO	50 10	51 10				
IPSN	RESTRT	TOPLOT	43 CO	63 SA	68 *	88	138 SA		
IPSN	SAVTHS		1	14 10					
IPSN	TVTHIM	TOPLOT	35 CO	157 SA					
IPSN3	RESTRT		68	88 *					
IPYLON	INPHMP		15 *	18					
IPYLON	POPFOD		52 *	93					
IPYLON	SNIPYL		20 *	21	21 *	21	22	25	
IP1	ALLMAT		192 *	196	197	207 *	210	211	212
IP1	ALLVAT		212						
IP1	WKTABN		17 *	19	21 *	28 *	33	35	37
IP1	WRTABN		40	40	41	41	42		
IP2	WRTABN		29 *	34	35	38	40	40	41
IP2	WRTABN		41						
IRUN	INVERS		53	56	57				
IRUN	INVERS		6 *	16 *	19	20	23	24	52 *
IRUNG	AFTRIM	MANAL	13 CC	98 *					
IRUNG	ANAL	MANAL	11 CO	115					
IRUNG	AZMUTH	MANAL	14 CC	71	72				
IRUNG	BOPFOD	MANAL	11 CC	40	41	47	48		
IRUNG	CNTRFW	MANAL	4 CO	24					
IRUNG	CNTR	MANAL	4 CC	16					
IRUNG	DERIV	MANAL	133	134	141	142			
IRUNG	DERIV	MANAL	10 CO	58	66	67	73	74	110
IRUNG	FUSACC	MANAL	6 CC	28	31	32	33	42	43
IRUNG	FUSACC	MANAL	44	45	45	46	46	47	53
IRUNG	FUSACC	MANAL	54	55	55	56	56	59	64
IRUNG	FUSACC	MANAL	67	68	69	70			
IRUNG	ITROT	MANAL	13 CC	48	128				
IRUNG	LIZE	MANAL	13 CO	126 *					
IRUNG	MANU	MANAL	78	84 *	93 *				
IRUNG	MANU	MANAL	9 CO	55 *	59 *	71	71	77 *	77
IRUNG	OSCOPE	MANAL	27	27	35	36	37	37	38
IRUNG	OSCOPF	MANAL	38	39	39	40	40		
IRUNG	OSCOPF	MANAL	10 CO	24	24	25	25	26	26
IRUNG	QUAN	MANAL	7 CO	29	30	31	32	33	34
IRUNG	QUAN	MANAL	60	61	65	72	73		
IRUNG	QUAN	MANAL	35	37	38	39	40	40	41
IRUNG	QUAN	MANAL	42	43	44	53	54	58	59
IRUNG	SCASIT	MANAL	6 CO	14	14	15	15	16	16
IRUNG	SCASIT	MANAL	16	16	17	17	18	18	19
IRUNG	SCASIT	MANAL	31	31	32	32	32	32	33
IRUNG	SCASIT	MANAL	26	27	27	27	27	30	30
IRUNG	SCASIT	MANAL	33	34	34	35	35	35	35
IRUNG	SCASIT	MANAL	19	19	19	22	22	23	23
IRUNG	SCASIT	MANAL	24	24	24	24	25	25	26
IRUNG	TVTHIM	MANAL	233 *	233	234	245 *	269 *		
IRUNG	TVTHIM	MANAL	14 CO	152	153	172	173	186 *	201
IRUNG	TVTRIM	MANAL	201	204	206	210	211	219	220
IRUNG	[illegible]	MANAL	9 CO	22	24	104	104	109	109
IRUNG	[illegible]	MANAL	114	114					
IRWAKE	AZMINT	FORWK	7 CO	41					
IRWAKE	ITROT	FORWK	6 CO	76					
IRWAKE	RADBGN	FORWK	3 TY	9 CO	28				
IRWAKE	START	FORWK	2 CO	84 *	85 *				
IRWAKE	SUBNAT	FORWK	6 CO	67					
IRWAKE	UNSDEN	FORWK	6 CO	43					
IRWAKE	ZERL	FORWK	3 CO	43 *					
IS	MODCL		5 *	8	11	13 10	14 10	15 *	
IS	VSCAS		1	9 *	10 *				

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS					
&SAVE	RESTRT		67 TY	78	104 *	126	142	
&SAVE	RESTRT		76	102 *	124	132	140	
&SCASP	INSCAS	STAMAN	9 CO	18 *				
&SCASP	SCASIT	STAMAN	11 CC	13				
&SCASP	VARI	STAMAN	14 CO	103 SA				
&SCASR	INSCAS	STAMAN	9 CO	19 *				
&SCASR	SCASIT	STAMAN	11 CC	21				
&SCASR	VARI	STAMAN	14 CO	108 SA				
&SCASY	INSCAS	STAMAN	9 CO	20 *				
&SCASY	SCASIT	STAMAN	11 CO	29				
&SCASY	VARI	STAMAN	14 CO	113 SA				
&STOP	CNTM	STAMAN	8 CO	16	24 *			
&STOP	DERIV	STAMAN	15 CC	106 *				
&STOP	TIMEP	STAMAN	10 CC	63	63 *			
&SWAKE	CLIZE	FOSWK	6 CO	176 *	177 *			
&SWAKE	STUFNM	FOSWK	8 CO	83	83			
&SWAKE	STDWAK	FOSWK	4 CO	15				
&SWAKE	STUZIN	FOSWK	2 CC	51 *	52 *	61 *	62 *	
&SWAKE	WING	FOSWK	6 CO	38	38			
&T	REDEL		8 *	12	12	16		
&T	SWAP		17 *	27 *				
&TERIN	ITERIN		1					
&TERIN	START		53 SN					
&TM	CONSTB	STARAN	8 CC	47 *	48 *			
&TM	FOCUS	STARAN	12 CO	35				
&TM	INSTAB	STARAN	13 CO	85 *	86 *	88 *	89 *	180 187
&TP	ITRIM	STARAN	14 CO	103 *	104 *	107 *	108 *	
&TM	ITROT	STARAN	20 CO	45				
&TM	PORFOO	STARAN	13 CC	35				
&TONS	DERIV	STAMAN	15 CO	17 TY	68	75	88	
&TORS	NAEM	STAMAN	13 CC	15 TY	128 *	129	129	
&TRIM	ITRIM		1					
&TRIM	TRIM		84 SN					
&TROT	FOCUS		40 SN					
&TROT	ITROT		1					
&TROT	MBAL		22 SN	38 SN	44 SN			
&VU	INRO		68 *	69	69	69 *	70	70 70
&VU	INRO		71					
&VUSER	INIT	STAMAN	13 CO	28				
&VUSER	INRO	STAMAN	14 CO	71 *				
&WG	CLCO	ANDOIT	3 CO	26 *	36 10	96	97	98 10 127
&WG	CLCO	ANDOIT	128	129 10	153	154	155 10	
&WG	WING	ANDOIT	117	136	149 *			
&WG	WING	ANDOIT	69	70	73	99	101	102 103
&WG	WING	ANDOIT	56	56	56	57	57	58 58
&WG	WING	ANDOIT	47	48	50	51	52	53 54
&WG	WING	ANDOIT	3 CO	36 *	38	38	39	45 46
&WG	WING	ANDOIT	59	59	60	60	63	63 63
&X	EXTORS	STRIMA	11 CC	14 TY	55 *	55	63 10	80 83
&X	FUSINT	STRIMA	21 CC	24 TY	33 *	49 *	49	81 82
&X	ITERIN	STRIMA	23 CC	26 TY	73			
&X	NAEM	STRIMA	25 CO	28 TY	139	142		
&X	MODES	STRIMA	20 CC	23 TY	65			
&X	SUPERP	STRIMA	4 CO	11 TY	32	33		
&X	WRINST	STRIMA	18 CC	21 TY	34	34		
&XEXT	EXTORS	STRIMA	12 CC	14 TY	55			
&XEXT	FUSINT	STRIMA	22 CC	24 TY	49			
&XEXT	XSTINT	STRIMA	6 CO	8 TY	18 *			
&XO	AJACOB		15 TY					
&XO	AZMINT		17 TY					
&XO	AZMUTH		21 TY					
&XO	BMSINT		16 TY					
&XO	BRTNEM		10 TY					
&XO	CGXAWM		13 TY					
&XO	CGYAWM		13 TY					
&XO	CGZAWM		13 TY					
&XO	CNTM		10 TY					
&XO	DERIV		17 TY					
&XO	EXTORS		17 TY					
&XO	FUSACC		12 TY					
&XO	FUSENM		16 TY					
&XO	FUSINT		14 TY					
&XO	GPFLUE		12 TY					
&XO	GPSHFT		14 TY					
&XO	GWPCNT		18 TY					
&XO	GWPFLT		10 TY					
&XO	GWPGRD		12 TY					
&XO	GWPRTR		14 TY					
&XO	GWPSHP		17 TY					
&XO	GUST		10 TY					

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS									
IXO	INIT		14 TY									
IXO	INHO		15 TY									
IXO	INSCAS		10 TY									
IXO	ITERIN		13 TY									
IXO	ITRIM		13 TY									
IXO	JFBGIN		13 TY									
IXO	JSTRED		15 TY									
IXO	LGCINT		15 TY									
IXO	LIZF		20 TY									
IXO	LOADT		19 TY									
IXO	MANU		16 TY									
IXO	MNEM		15 TY									
IXO	MODAL		14 TY									
IXO	MTLT		10 TY									
IXO	NPUTUT		15 TY									
IXO	PUNCH		7 TY									
IXO	QUAN		14 TY									
IXO	RADIAL		17 TY									
IXO	READIN		15 TY									
IXO	RFSTRT		28 TY									
IXO	RGUST		14 TY									
IXO	RTINIT		13 TY									
IXO	SAVTHS		11 TY									
IXO	SCASIT		12 TY									
IXO	SIVAR		13 TY									
IXO	START		17 TY									
IXO	STBFNM		21 TY									
IXO	STRZIN		15 TY									
IXO	SWAS		10 TY									
IXO	TILT		10 TY									
IXO	TIMLP		12 TY									
IXO	TRIM		15 TY									
IXO	TVTRIM		21 TY									
IXO	VARI		15 TY									
IXO	VGUNS		10 TY									
IXO	VUNGST		10 TY									
IXO	WING		16 TY									
IXO	WRFM		13 TY									
IXO	WRMANU		13 TY									
IXO	WROPTM		19 TY									
IXO	WRTMNV		10 TY									
IXO	XCONIN		13 TY									
IXO	ZLLCAL		10 TY									
IXZ	AJACOB	STRIMA	25 CO	28 TY	68		69		70			
IXZ	EXTORS	STRIMA	32									
IXZ	EXTORS	STRIMA	11 CO	14 TY	58 *		58		63 10	80	80	
IXZ	FUSACC	STRIMA	16 CO	19 TY	22		23		35	37	38	
IXZ	FUSACC	STRIMA	40									
IXZ	FUSINT	STRIMA	21 CO	24 TY	36 *		52 *		52			
IXZ	MOMORS	STRIMA	14 CO	17 TY	33		34		35			
IXZ	MNEM	STRIMA	25 CO	28 TY	139		139		141			
IXZ	MODES	STRIMA	20 CO	23 TY	66		68					
IXZEXT	EXTORS	STRIMA	12 CO	14 TY	58							
IXZEXT	FUSINT	STRIMA	22 CO	24 TY	52							
IXZEXT	XSTINT	STRIMA	6 CO	8 TY	21 *							
IXZO	AJACOB		15 TY									
IXZO	AZMINT		17 TY									
IXZO	AZMUTH		21 TY									
IXZO	BMSINT		14 TY									
IXZO	BETAFM		10 TY									
IXZO	COXARM		13 TY									
IXZO	COYARM		13 TY									
IXZO	COZARM		13 TY									
IXZO	CNTM		10 TY									
IXZO	DENIV		17 TY									
IXZO	EXTORS		17 TY									
IXZO	FUSACC		12 TY									
IXZO	FUSFNM		16 TY									
IXZO	FUSINT		14 TY									
IXZO	GPFLGE		12 TY									
IXZO	GPSHFT		14 TY									
IXZO	GRPCNT		18 TY									
IXZO	GRPFLT		10 TY									
IXZO	GRPGRD		12 TY									
IXZO	GRPRTN		14 TY									
IXZO	GRPSHP		17 TY									
IXZO	GUST		10 TY									
IXZO	INIT		14 TY									
IXZO	INHC		15 TY									
IXZO	INSCAS		10 TY									

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
IXZC	ITERIN		13 TY						
IXZC	ITRIM		13 TY						
IXZC	JPBGIN		13 TY						
IXZC	JSTORD		15 TY						
IXZC	LOGINT		15 TY						
IXZC	LIN		20 TY						
IXZC	LOADT		19 TY						
IXZC	MANU		16 TY						
IXZC	MNEM		15 TY						
IXZC	MODAL		14 TY						
IXZC	MTLT		10 TY						
IXZC	NPUTUT		15 TY						
IXZC	PUNCH		7 TY						
IXZC	QUAN		14 TY						
IXZC	RADIAL		17 TY						
IXZC	READIN		15 TY						
IXZC	RESTRT		28 TY						
IXZC	RWUST		14 TY						
IXZC	STUNIT		13 TY						
IXZC	SAVTHS		11 TY						
IXZC	SCASIT		12 TY						
IXZC	SIVAR		13 TY						
IXZC	START		17 TY						
IXZC	STBENM		21 TY						
IXZC	STBZIN		15 TY						
IXZC	SWAS		10 TY						
IXZC	TILT		10 TY						
IXZC	TIMLP		12 TY						
IXZC	TRIM		15 TY						
IXZC	TVTRIM		21 TY						
IXZC	VARI		15 TY						
IXZC	VGUNS		10 TY						
IXZC	VGRUST		10 TY						
IXZC	WING		16 TY						
IXZC	WNEM		13 TY						
IXZC	WMANU		13 TY						
IXZC	WRUETM		19 TY						
IXZC	WRTMNV		10 TY						
IXZC	XCONIN		13 TY						
IXZC	ZILCAL		13 TY						
IY	EXTORS	STRIMA	11 CO	14 TY	50 *	58	63 IO		
IY	FUSINT	STRIMA	21 CC	24 TY	34 *	50 *	55	80	82
IY	ITERIN	STRIMA	23 CC	26 TY	74				
IY	MNEM	STRIMA	25 CC	28 TY	138	138			
IY	MODES	STRIMA	20 CO	23 TY	61				
IY	SUPERP	STRIMA	8 CO	11 TY	44	45			
IY	XPINST	STRIMA	18 CC	21 TY	33	33			
IYEXT	EXTORS	STRIMA	12 CO	14 TY	56				
IYEXT	FUSINT	STRIMA	22 CC	24 TY	50				
IYEXT	XSTINT	STRIMA	6 CC	8 TY	19 *				
IYO	AJACOB		15 TY						
IYO	AZMINT		17 TY						
IYO	AZYOTH		21 TY						
IYO	BMSINT		14 TY						
IYO	BRTHRM		10 TY						
IYO	CGRAIN		13 TY						
IYO	CGYARM		13 TY						
IYL	CGZARM		13 TY						
IYO	CNTM		10 TY						
IYO	DERIV		17 TY						
IYO	EXTORS		17 TY						
IYO	FUSACC		12 TY						
IYO	FUSENM		16 TY						
IYO	FUSINT		14 TY						
IYO	GPELGE		12 TY						
IYO	GPSHFT		14 TY						
IYO	GRPCNT		18 TY						
IYO	GRPELT		10 TY						
IYO	GRPGRD		12 TY						
IYO	GRPNTR		14 TY						
IYO	GRPSHP		17 TY						
IYO	GUST		10 TY						
IYO	INIT		14 TY						
IYO	INRL		15 TY						
IYO	INSCAS		10 TY						
IYO	ITERIN		13 TY						
IYO	ITRIM		13 TY						
IYO	JPBGIN		13 TY						
IYO	JSTORD		15 TY						
IYO	LOGINT		15 TY						

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS							
1YO	LIZL		20 TY							
1YO	LOADT		19 TY							
1YO	MANU		16 TY							
1YO	MNEM		15 TY							
1YO	MODAL		14 TY							
1YO	MTLT		10 TY							
1YO	NPUTUT		15 TY							
1YO	PUNCH		7 TY							
1YO	QUAN		14 TY							
1YO	RADIAL		17 TY							
1YO	READIN		15 TY							
1YO	RESTRT		28 TY							
1YO	RGUST		14 TY							
1YO	RTINIT		13 TY							
1YO	SAVTRS		11 TY							
1YO	SCASET		12 TY							
1YO	SIVAR		13 TY							
1YO	START		17 TY							
1YO	STUFNM		21 TY							
1YO	STRZIN		15 TY							
1YO	SWAS		10 TY							
1YO	TILT		10 TY							
1YO	TIMLP		12 TY							
1YO	TRIM		15 TY							
1YO	TVTRIM		21 TY							
1YO	VARI		15 TY							
1YO	VGUNS		10 TY							
1YO	VGUSST		10 TY							
1YO	WING		16 TY							
1YO	WREM		13 TY							
1YO	XRANU		13 TY							
1YO	XRUPTM		19 TY							
1YO	XRTMAV		10 TY							
1YO	XCGAIN		13 TY							
1YO	ZLLCAL		10 TY							
1Z	EXTORS	STRIMA	11 CC	14 TY	57 *	57	63 10	80	84	
1Z	FUSINT	STRI4A	21 CC	24 TY	35 *	51 *	51	80	81	
1Z	ITERIN	STRIMA	23 CC	26 TY	75					
1Z	MNEM	STRIMA	25 CC	28 TY	139	143				
1Z	MODED	STRIMA	20 CC	23 TY	69					
1Z	SUPERM	STRIMA	9 CC	11 TY	56	57				
1Z	XRINST	STRIMA	18 CC	21 TY	32	32				
1ZEXT	FATORS	STRI4A	12 CC	14 TY	57					
1ZEXT	FUSINT	STRI4A	22 CC	24 TY	51					
1ZEXT	XSTINT	STRIMA	6 CC	8 TY	20 *					
1ZO	AJACOB		15 TY							
1ZO	AZMINT		17 TY							
1ZO	AZMUTH		21 TY							
1ZO	BMSINT		14 TY							
1ZO	BRTREM		10 TY							
1ZO	CGXARM		13 TY							
1ZO	CGYARM		13 TY							
1ZO	CGZARM		13 TY							
1ZO	CNTM		10 TY							
1ZO	DERIV		17 TY							
1ZO	EXTORS		17 TY							
1ZO	FUSACC		12 TY							
1ZO	FUSFNM		16 TY							
1ZO	FUSINT		14 TY							
1ZO	GPFLGE		12 TY							
1ZO	GPSMFT		14 TY							
1ZO	GRPCNT		18 TY							
1ZO	GRPFLT		10 TY							
1ZO	GRPGRD		12 TY							
1ZO	GRPRTK		14 TY							
1ZO	GRPSHP		17 TY							
1ZO	GUST		10 TY							
1ZO	INIT		14 TY							
1ZO	INPO		15 TY							
1ZO	INSCAS		10 TY							
1ZO	ITERIN		13 TY							
1ZO	ITRIM		13 TY							
1ZO	JFRGIN		15 TY							
1ZO	JSTRED		15 TY							
1ZO	LGCINT		15 TY							
1ZO	LIZO		20 TY							
1ZO	LOADT		19 TY							
1ZO	MANU		16 TY							
1ZO	MNEM		15 TY							
1ZO	MODAL		14 TY							

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS					
IZU	MTLT		10 TY					
IZU	NOUTJT		15 TY					
IZU	PUNCH		7 TY					
IZU	QUAN		14 TY					
IZU	RADIAL		17 TY					
IZU	READIN		15 TY					
IZU	RESTRT		28 TY					
IZU	RGUST		14 TY					
IZU	RTINIT		13 TY					
IZU	SAVTHS		11 TY					
IZU	SCASIT		12 TY					
IZU	SIVAR		13 TY					
IZU	START		17 TY					
IZU	STJENM		21 TY					
IZU	STUZIN		15 TY					
IZU	SWAS		10 TY					
IZU	TILT		10 TY					
IZU	TIMUP		12 TY					
IZU	TVTRM		15 TY					
IZU	TVTRIM		21 TY					
IZU	VARI		15 TY					
IZU	VGUNS		10 TY					
IZU	VGUST		10 TY					
IZU	WING		16 TY					
IZU	WREM		13 TY					
IZU	WRMANU		13 TY					
IZU	WRSPTM		19 TY					
IZU	XMTMNV		10 TY					
IZU	XCCKIN		13 TY					
IZU	ZLLCAL		10 TY					
11ST	AFTRIA	FURY	6 CO	57	58	59	60	61	62
11ST	AFTRI4	FURY	63	64	65	66	70	71	
11ST	AJACCS	FURY	3 CO	54					
11ST	CLAIV	FURY	6 CO	67	74				
11ST	CLOSRH	FURY	3 CO	20	20				
11ST	FDYLAC	FURY	30	30	30				
11ST	FDYLAC	FURY	3 CO	28	28	28	29	29	29
11ST	FUSACC	FURY	2 CO	61	62	63			
11ST	GMFLGE	FURY	2 CO	21	22	23	24	27	29
11ST	GSHRT	FURY	3 CO	15	25	48	52		
11ST	GRIGRD	FURY	2 CO	30	31	32	33		
11ST	INIT	FURY	3 CO	32	44	46	47	48	57
11ST	MANU	FURY	3 CO	52	71	80	81	88	89
11ST	MREM	FURY	148						
11ST	MREM	FURY	3 CO	78	79	80	145	146	147
11ST	ONETVT	FURY	45						
11ST	ONETVT	FURY	3 CO	81	79	80	81	81	82
11ST	OSRDPR	FURY	3 CO	35	35	36	36	37	38
11ST	OUTAN	FURY	3 CO	37	37				
11ST	STRIKM	FURY	6 CO	43	43				
11ST	SVINT	FURY	3 CO	4 *					
11ST	TIMLO	FURY	3 CO	20	21	21	24	24	24
11ST	TIMLO	FURY	12	33	36	37	49	50	
11ST	TRIM	FURY	3 CO	35					
11ST	TVTRI4	FURY	7 CO	138	138	138	139	116	117
11ST	TVTRIM	FURY	234	240	243	252	253	256	
11ST	TVTRI4	FURY	141	145	146	179	180	231	234
11ST	VARI	FURY	3 CO	27					
11ST	XMAANU	FURY	3 CO	41					
11SPC	BOOCL		2 *	13	14	17 *			
15	PUNCH		21 *	60 *	69 *	70 IO	74 *	77	77 IO
15	PUNCH		15 TY	22 *	38 *	39 IO	42 *	48	49 IO
15	RKINST		25 *	26 IO	43 *	44 IO	61 *	64 IO	
	AFTRIM		72 *	74	84				
	ALLMAT		64 *	65	73 *	71	74	76	75
	ALLMAT		200	221 *	222	223	234 *	236	236
	ALLMAT		236						
	ALLMAT		169 *	173	174	176	188 *	193	197 *
	ALLMAT		48 *	49	49	54 *	55	55	51
	ALSTAU		16	31 *	53	52	55 *	56	57 *
	ALSTA		37	37	41 *	45	45	46	46
	ALSTAU		58	59	64	69	70	85 *	55
	ALSTAU		26 *	31 *	31	32	32	36 *	36
	CASINT		29 *	30	31	32	33	34	35
	CASINT		51	52	53	63	64	65	66
	CASINT		68	69	70	71			
	CASINT		36	37	39	36	40	41	42
	CUTCUT		20 *	21	21	19 *	40	40	
	CNTA		1	21	25	27	20		
	CONSTU		32 *	43	43	43 *	44	44	

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TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
J	DAMPER		14	15	15	16	16	16	
J	DAMPER		10 *	11	11	12	12	12	12
J	EXTORS		1	20					
J	FERINT		43 *	48 *					
J	FPYLAC		19 *	20	21	23	23	23	24
J	FPYLAC		24	24					
J	FRORES		15 *	16	17	18	22	23	24
J	FUSFNM		120 *	122 SA	122 SA	122 SA	122 SA	122 SA	122 SA
J	FUSFNM		122 SA	124	124	124			
J	FUSINT		70 *	72	72	74	74	76	76
J	GPFLGE		24	24					
J	GPFLGI		20 *	21	21	22	22	23	23
J	GRPGND		29 *	30	30	31	31	32	32
J	GRPGND		33	33					
J	GUST		1	33	34	49	49	71	
J	HRESP		104	104	104	104	105	105	105
J	HRESP		96	96	97	97	103 *	104	104
J	HRESP		51	52	52	53	57	59 *	60
J	HRESP		60	61	61	72 *	77	94 *	95
J	HRESP		118	118	119	119			
J	HRESP		37	38	43	44	47	48	50 *
J	HRESP		105	105	105	110 *	111	112	117 *
J	HRESP		25 *	26	27	33 *	34	35	36
J	INDMSS		37 *	38					
J	INIT		59 *	63 *	63	64			
J	INRE		149 *	150					
J	INWTR		27 *	29					
J	INSCAS		43	44					
J	INSCAS		29 *	30	31	33	39	40	42
J	INSTAB		232 *	233	234	238 *	240		
J	INTERQ		1 TY	23 *	24	24	25	25	25
J	INVERS		11 *	11	17	26 *	27	28	28
J	INVERS		52	58	60 *	61	62	62	63
J	INVERS		29	41 *	42	42	42	42	51 *
J	IOMAT		106 IO						
J	IOMAT		20 *	20 IO	20 *	23 *	26 IO	30 *	32 IO
J	IOMAT		42 IO	42 *	46 *	49 IO	54 IO	54 *	54 IO
J	IOMAT		32 *	32 IO	32 *	35 *	38 IO	42 IO	42 *
J	IOMAT		54 *	57 *	60 IO	64 *	66 IO	66 *	66 IO
J	IOMAT		94 IO	98 *	100 IO	100 *	100 IO	100 *	103 *
J	IOMAT		8 IO	8 *	8 IO	8 *	12 *	15 IO	20 IO
J	IOMAT		66 *	69 *	72 IO	76 IO	76 *	76 IO	76 *
J	IOMAT		80 *	83 IO	88 IO	88 *	88 IO	88 *	91 *
J	ITERIN		47 *	48	53	59 *	60	93 *	94
J	ITRIM		120 *	121	127				
J	JACOBI		28 *	31 *	31	43			
J	LIZE		42 *	83	84	86 *	88	90	91
J	LIZE		116 *	118					
J	LOADI		126 *	128 *	129 SA	129 SA	129 SA	130 SA	130 SA
J	LOADI		43 *	45	46	55 *	56	56	74 *
J	LOADI		104 *	105	109	112	112	112	112
J	LOADI		112	112	112	112	112	114	123 IO
J	LOADI		85 SA	86	86	87	87	88	88
J	LOADI		123 IO	123 *	123 IO	123 IO	123 *	126 IO	126 IO
J	LOADI		75	75	76	76	84 *	85 SA	85 SA
J	LOADI		130 SA	132	132	132	133	133	133
J	MANTYP		18 *	19	19	20	32 *	33	
J	MBAL		21 *						
J	MDXDRS		78	78	80 *	81	81	99 *	100
J	MDRDRS		21 *	22	22	24 *	25	25	77 *
J	MDEDRS		111	112	113	114	115	116	117
J	MDHDRS		120	121	122	123	127 *	128	129
J	MDKDRS		130	131	133 *	136	136		
J	MDRDRS		101	102	103	104	105	108 *	110
J	MODAL		78 *	78 IO	78 *	78 IO	78 *	79 IO	79 *
J	MODAL		38 *	39	41	43	47	48	48
J	MODAL		79 IO	79 *	73 IO	74 *	74 IO	79 *	
J	MODAL		55	55	56	58	67 *	69	72
J	MODAL		77 IO	77 *	77 IO	77 *	77 IO	77 *	78 IO
J	MODAL		49	50	50	51	52	53	54
J	MODES		47 *	48	50 *	51	52	53	94 *
J	MODES		128						
J	MODES		95	95	97	99	108	109	115
J	MODES		115	122 *	123	124	125	126	127
J	MPCNTL		11 *	12					
J	MTLT		1	18	36				
J	NUPS		16	17	25 *	26	27	30	37
J	NUPS		8 *	9	11	11	14	15	15
J	NUPS		37	38	39				
J	NUMRTF		32	83	87	88			

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TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
J	NUMKTF		41	41	41	42	75 *	76	77
J	NUMKTF		21 *	22	22	30 *	31	37 *	38
J	PDZERO		5 *	6	7	10 *	11	11	11
J	PDZERO		12	12	12	14	14	14	15
J	PDZERO		15	15	18 *	19	25 *	26	
J	PHSMAG		79	79					
J	PHSMAG		60 *	61	65 *	66	69	70	71
J	PHSMAG		71	73	74	75	75	77	78
J	PUNCH		23 *	26	27	29	30	32	33
J	PUNCH		35	59 *	66				
J	RADMUN		53	54	54				
J	RADMUN		3 TY	51 *	52	52	52	53	53
J	RADIAL		75	136 *	149	150	151	153	153
J	RADIAL		186 SA						
J	READIN		115 IO	116					
J	READTU		13 IO	13 IO	14 SA	14 SA	14 SA	15 SA	15 SA
J	READTH		15 SA	16 SA	16 SA	16 SA			
J	READTU		10 *	11	13 IO	13 IO	13 IO	13 IO	13 IO
J	REDCL		* *	9 *	9	13 IO			
J	REDFTB		8 SA	8 SA	8 SA				
J	REDFTB		3 IO	3 IO	3 *	3 IO	3 IO	3 *	7 *
J	REDMRK		53 *	54					
J	REDSMK		33 *	34					
J	RTMAKE		12	12					
J	SHKCTL		43	45	45	45	46	49	49
J	SHKCTL		51	51	55	55	56	58	
J	SHKCTL		23 *	24	26	28	28	29	30
J	SHKCTL		38	38	38	39	39	42	42
J	SHKCTL		32	34	34	35	35	36	36
J	SHKINT		38 *	39					
J	SIVAR		74	77	182 IO				
J	SIVAR		33 *	34	34	35 IO	35 IO	36	37
J	SIVAR		38	50	58	58	72	72	73
J	SOLVE		18 *	19	19	22 *	23	23	23
J	SOLVE		28 *	29	31	31			
J	STAB		139	140	141	142	143	144	145
J	STAB		44 *	46	48	50	51	52	54
J	STAB		172	172					
J	STAB		160	161	162	163	164	165	166
J	STAB		153	155	155	155	157	158	159
J	STAB		55	57	58	59	60	61	62
J	STAB		167	168	169	171	171	171	172
J	STAB		146	147	148	149	150	151	152
J	STAB		75	87	98	117	136	137	138
J	START		93 *	94 *	95	96	97		
J	STBINT		57	57	62 *	63	65	65	65
J	STBINT		3 TY	25 *	27 *	28	31	31	36 *
J	STHINT		92	92	92				
J	STRINT		37	39	39	39	51 *	53 *	54
J	STRINT		78 *	80 *	81	84	84	89 *	90
J	STRZIN		77	77	78	78	79	79	79
J	STRZIN		89						
J	STRZIN		86	86	86	86	86	87	87
J	STRZIN		83	83	84	84	85	85	86
J	STRZIN		73 *	74	74	75	75	76	76
J	STRZIN		88	88	88	88	88	88	89
J	STRZIN		90	80	81	81	82	82	82
J	SVINT		21 *	23	24				
J	SWAP		35	38 *	39	39	48 *	49	52
J	SWAP		29 *	30	32 *	33	33	34	34
J	SWAP		18 *	20	23	23	24	24	25
J	SWAP		52	52	53				
J	SWAP		10 *	11	11	12	12	13	13
J	SWAS		31	32	32	32	32	32	32
J	SWAS		31	31	31	31	31	31	31
J	SWAS		18 *	20	21	22	26 *	27	27
J	SWAS		27	27	28	28	29	29	29
J	SWSRAT		31 *	32	34	34	34		
J	TABFIX		13 *	14	38 *	39			
J	TAHINT		41 *	41					
J	TAHINT		18 *	23 *	24	38 *	39	39	39
J	TAHOUT		7 IO	7 *					
J	TIMEJJ		40 *	41	42				
J	TIVAR		17 *	18	19	31 IO			
J	TRIM		95 IO	95 *					
J	TVTRIM		145	146	161 *	162	164	165	166
J	TVTRIM		214 *	219	220				
J	TVTWIM		96 *	111 IO	111 *	111 IO	111 *	142 *	143
J	VAR2		29 *	30	31	31	32	33	34
J	VAR1		100	136 SA	175 SA				

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS							
J	VARI		40	42	42	48	49	73	92	SA
J	VARI		34	34	35	SA 38	39	39	40	
J	WAV		25 *	26	26	30 *	31	32		
J	WRTABN		52 *	53						
J	WREM		29 IO	29 IO	32 *	33	34	34 IO	34	IO
J	WREM		28 *	29	29 IO	29 IC	29 IO	29 IO	29	IO
J	WREM		64 *	65	66	SA 66 SA	66 SA	66 SA	66	SA
J	WREM		36	36 IO	36 IO	36 IC	36 IO	36 IO	36	IO
J	WREM		77 SA	77 SA	77	SA 77 SA	80	81	81	
J	WREM		81	82 SA	82	SA 82 SA	82 SA	82 SA	82	SA
J	WREM		34 IO	34 IO	34	IC 34 IC	35	36	36	
J	WREM		66 SA	67 IO	74 *	75	76	77 SA	77	SA
J	WRINST		41 *	44 IO	44 *	44 IO	44 *	55 *	56	
J	WRINST		64 IC	64 *						
J	WRINST		23 IO	23 *	26	IO 26 *	26 IO	26 *	41	IO
J	WRINST		56	57	57	61 IC	61 *	64 IO	64	*
J	WRMANU		64	65	75 *	76	77	82 *	83	
J	WRMANU		44 *	53	51	46 *	57	58	63	*
J	WRMANU		34	49 *	90	91				
J	WPMEDR		36 IO	36 *						
J	WRMS		39	43 *	44	45				
J	WRMS		16 *	17	18	19	20	21	22	
J	WRMS		36 IC	36 *	36	IC 36 IC	36 *	37 *	38	
J	WROPTN		137 IO	137 *						
J	WROPTN		58 *	59	66 *	67	68	133 IO	133	*
J	WRPERT		33 IO	33 *	33	IO 33 IC	33 *			
J	WRPERT		32 IO	32 IO	32 *	32 IO	32 IO	32 *	33	IO
J	WRWRK		74 *	75	76	IO 100 *	101			
J	WRSTAB		25 IO	43 IC	40	IO 40 *	42 *	45 IO	51	IO
J	WRSTAB		51 *	52 IO	52	*				
J	WRSTAN		9 IO	9 *	12 *	15 IO	20 IO	20 *	22	*
J	WRSWK		19 *	20 IO	23					
J	WRTNSF		17 *	18	19	20	21	23 IO	23	*
J	WRTNSF		33 *							
J	WRTNSF		24 IC	24 IO	24 *	26 *	27	30	33	IO
J	WRVP		61							
J	WRVP		46 IO	46 *	49 *	50	52	60	61	
J	XCONIN		37 *	38	39	40	41	42	43	
J	XCONIN		43	44	45	45				
J	XSTINT		29 *	30	33					
J	YRINIT		23	24	25	IO 25 IO	27	28	28	
J	YRINIT		34	34	35					
J	YRINIT		31	32	32	32	32	32	33	
J	YRINIT		9 *	10	10	13 *	14	14	15	
J	YRINIT		21	21	21	21	21	21	21	
J	YRINIT		29	29	30	30	30	31	31	
J	YRINIT		15	16	16	17	18	19 IO	19	IO
J	YSINIT		16	16	17	18	19 IO	19 IO	21	
J	YSINIT		37	38	38	39	39	39	40	
J	YSINIT		40	40	41	41	41	41	41	
J	YSINIT		55							
J	YSINIT		10 *	11	11	13 *	14	15	15	
J	YSINIT		52	53 IO	55	55	55	55	55	
J	YSINIT		31	32 IO	32	IO 34	34	34	35	
J	YSINIT		25	26	26	26	27	27	28	
J	YSINIT		28	28	28	28	28	28	30	
J	YSINIT		21	22	22	22	23	24	25	
J	YSINIT		42	44	45	IO 47	48	49 IO	51	
J	ZERO		83 *	85	96 *	97	99	100	101	
J	ZERO		102	133	105	106	107	108	109	
J	ZERO		123							
J	ZERO		112	113	114	118 *	120	121	122	
J	ZLLCAL		34	34	34	34	40 *	41	42	
J	ZLLCAL		20 *	21	21	21	22	24	24	
J	ZLLCAL		43	46	46	46	46			
J	ZLLCAL		25	25	28	31	31	32	32	
JACOBI	INSTAB		136 SN							
JACOBI	ITRIM		106 SN							
JACOBI	JACOBI		1							
JCOL	INVERS		7 *	17 *	19	25	28	29	58	*
JCOL	INVERS		59	62	63					
JCNO	OPS		20 *	23 *	25					
JERR	ITERIN		27 TY	28 TY	59	93				
JFBGIN	JFBGIN		1							
JFBGIN	START		54 SN							
JFUSPY	DERIV	MANAL	12 CC	114 *	174 *					
JFUSPY	POPFOO	4ANAL	10 CC	27	45					
JFUSPY	SWSPAT	MANAL	15 CC	66						
JGO	AZMOUT	STARAN	17 CC	34	36	36				
JGO	AZMUTH	STARAN	27 CO	37 *	40 *	43 *	44 *	47 *	48	*

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
JGO	GOCL	STAKAN	1 TY	20 CO	46	46			
JGO	RADIAL	STAKAN	23 CO	37	44 *	45 *	188 *		
JGO	RADOUT	STAKAN	17 CO	24	32	32			
JGS	RADIAL		1 TY	37 *	44	45	188		
JJ	NOPROD		25 *	40	41				
JJ	NEMINT		50	51	53	54	54	55	55
JJ	NEMINT		33 *	34	35	36	37	39	47
JJ	NEMINT		58	65	65	65	66		
JJ	NEMINT		56	56	57	57	57	58	58
JJ	NUAN		71 *	72	73				
JJ	TANOUT		4 *	6 *	6	7 IO			
JJ	VSCAS		11 *	12	14				
JJ	WMS		38 *	41 IO	44 *	47 IO			
JJ	WNOPT4		135 *	136	137 IO	137 IO			
JJ	WNRK		102 *	103	103	106 *	114 *	114	115
JJ	XCUNIN		38 *	39	40	41	42	43	44
JK	VSCAS		12 *	13					
JL	VSCAS		17 *	15	16				
JMEAN	SIVAR		26 TY	27 EQ	27 EQ	35 IO			
JMEAN1	SIVAR		26 TY	27 EQ	28 TY				
JMEAN2	SIVAR		26 TY	27 EQ	29 TY				
JM1	RADOUT		49	50	51	52	53	54	55
JM1	RADOUT		56	57	58	59	60	61	62
JM1	RADOUT		63	64	65				
JM1	RADOUT		1	43	44	45	46	47	48
JM1	RMANU		78 IO	83 *	85 IO	90 *	92 IO		
JM1	RRMANU		50 *	52 IO	57 *	59 IO	64 *	66 IO	76 *
JM117	SMKINT		39 *	40	44	45	46	49	
JM21	RMANU		78 IO	84 *	85 IO	91 *	92 IO		
JM21	RRMANU		51 *	52 IO	58 *	59 IO	65 *	66 IO	77 *
JN	TVTRIM		143 *	145	146	162 *	164	165	166
JNOA	SWAP		69 *	93	93				
JNOF	ALSTAB		66 *	70	70				
JNOP	OUMRTF		38 *	42	42				
JP	ALLMAT		71 *	72	170 *	171			
JPASS	AJACOB	STAKAN	16 CO	116					
JPASS	ANAL	STAKAN	16 CO	35	52				
JPASS	AZMUTH	STAKAN	24 CO	71					
JPASS	FOCUS	STAKAN	12 CO	28					
JPASS	INSTAB	STAKAN	15 CO	67 *	94 *				
JPASS	ITRIM	STAKAN	14 CO	69 *	135 *				
JPASS	ITRUT	STAKAN	23 CO	47	156	159	186		
JPASS	ROTAN	STAKAN	18 CO	76					
JPASS	TRIM	STAKAN	16 CO	98 *	108 *				
JPASS	TVTRIM	STAKAN	22 CO	48	71	112	113	141	
JPS1	TVTRIM		102 *	111	113	120 *	120		
JR	INVERS		44 *	45	45	45			
JSTRED	JSTRED		1						
JSTRED	READIN		28 SN						
JV1	CMCALC		114	116	116	118	118	120	120
JV1	CMCALC		60 *	63 *	67	113	113	113	114
JV1	CMCALC		3 TY	37 *	41 *	45 *	48 *	53 *	56 *
JV2	CMCALC		3 TY	39 *	64 *	67 *	113	114	116
JV2	CMCALC		118	120					
JI	INIT		55 *	56					
JI	INSCAS		44						
JI	INSCAS		30 *	33	39	39	40	43	43
JI	POPFOD		39 IO	39 *					
JIO	WREM		33 *	34 IO	75 *	78 IO			
JJ2	BUTFLT		45	46					
JJ2	BUTFLT		21 *	22	31	40 *	41	42	43
JJ2	INIT		54 *	55	56				
JJ2	INSCAS		31 *	33	39	39	43	43	43
JJ2	INSCAS		44						
JJ20	WREM		35 *	36 IO	80 *	83 IO			
JJ21	BUTFLT		22 *	23	33	41 *	42	43	46
JJ5	PUNCH		70 IO	73 *	77 IO				
JJ5	PUNCH		15 TY	35 *	39 IO	43 *	45 IO	52 *	66 *
K			23	23	23	23			
K			1	5	5	5	5	5	23
K	AJACOB		90 *	91	91	94 *	95	95	96
K	AJACOB		97	97	98	98			
K	ALLMAT		69 *	73 *	73	74	76	168 *	172 *
K	ALLMAT		225	225					
K	ALLMAT		172	174	217 *	218	219	222	222
K	ALSTAB		67 *	68	69	70			
K	ANAL		123 *	124 SA	124 SA	124 SA	124 SA		
K	ANAL		77 *	78	79	79	79	80	80
K	AZMINT		79	80	81	82	83		
K	AZMINT		73 *	74	75	76	77	78	79

TABLE 10. CONTINUED.

VAR	SUB	CLASSIN	STATEMENT NUMBERS						
R	AZMUTH		109						
R	AZMUTH		92	92	93	93	93	93	93
R	AZMUTH		1 TY	91 *	92	92	92	92	92
R	AZMUTH		93	93	138 *	109	109	109	109
R	HUMFOD		41						
R	HUMFOD		32 *	25	25	37	39	39	40
R	HMSINT		53						
A	HMSINT		46 *	47	48	49	50	51	52
R	INTHRM		48	48					
A	INTHRM		29 *	31	33	33	33	34	34
A	INTHR4		38 *	39	39	39	40	40	40 *
A	BUNDLR		22	23	25	26	26	27	27
R	BUNDLR		1	16	16	17	17	18	18
R	BUNDLR		27	28	29	29	30	30	30
R	BUTFLT		43	43	46	47	47	53	60
R	BUTFLT		33 *	34	34	36	42	42	43
A	CGXARM		27 *	28	28	28	29	29	30
R	CGXARM		30						
R	CGYARM		31 *	32	32	33	33	34	34
A	CGZARM		29 *	30	30	31	31	32	32
R	CORR		18 *	21 *	21	25	29 *	30	30
R	DERIV		96 *	100	101	102	103	104	105
R	EXTORS		78	78	79	79	79		
R	EXTORS		22 *	23	23	24	24	25	25
A	EXTORS		49	50	50	51	51	55	55
R	EXTORS		55	56	56	56	57	57	57
A	EXTORS		29 *	30	30	30	32	33	34
R	EXTORS		74	75	76	77	77	77	78
A	EXTORS		67	68	69	70	71	72	73
A	EXTORS		58	59	58	63 TO	64	65	66
A	EXTORS		35	36	37	40	45	48	49
R	FILTER		29	29	29	29	29	30	37 *
A	FILTER		45	45	45	45	45	45	45
R	FILTER		46	46	47				
A	FILTER		38	38	38	38	38	39	44 *
A	FILTER		20 *	21	21	21	22	27 *	28
A	FLORM		16 *	18	26	26			
R	FLRINT		52 SA	52 SA	52 SA	52 SA			
R	FLRINT		15 *	16	32 *	33 SA	35 *	36	51 *
R	FPYLAC		16 *	17	23	24	28	28	29
R	FPYLAC		29	30	30				
R	FRQRES		11 *	12	12	13	13	14	14
A	FRQRES		31	31	32	32	32		
A	FRQRES		25	25	25	26	26	26	33 *
R	FRQRES		14	19	19	19	20	20	20
R	FSMINT		25	26	26	27	27		
R	FSMINT		22	22	23	23	24	24	25
R	FSMINT		16 *	17	17	18	18	19	19
R	FUSFN4		119 *	120	121 SA	121 SA	121 SA	121 SA	121 SA
R	FUSFN4		121 SA	121 SA	123	123	123		
R	FUSINT		47	48	48	49	45	49	50
A	FUSINT		52	61 *	62	62	62	63	63
R	FUSINT		64	64	69 *	70	71	71	71
R	FUSINT		37 *	38	42	45	46	46	47
R	FUSINT		50	50	51	51	51	52	52
R	FUSINT		73	75	75				
R	GUST		38 *	39	40	41	42	42	42
R	GUST		77	78	78	79	79	81	82
R	GUST		42	42	43	43	43	43	43
R	GUST		82	83	83	84	84	89 *	90
R	GUST		91	92					
R	GUST		44	44	46 *	47	75 *	76	77
R	HARM		6 *	16	17				
R	INBLD		38 *	39	40	40	57 *	60 *	60
R	INBLD		25 *	26	26	27	27	28	28
R	INBLD		61						
R	INIT		28 *	37	38	39			
R	INSTAB		44 *	45	45	98 *	99	99	121 *
R	INSTAB		122	122	124 *	125	125		
R	INVERS		62						
R	INVERS		51	52	53	55	56	59	61
R	INVERS		9 *	9	11	12	13	20	22
A	INVERS		47	47	47	48 *	49 *	49	50
R	INVERS		36	38	38	38	40	42	42
R	INVERS		23	25	27	28	31	31	36
R	INVERS		32	45	45	45	45	45	47
R	IOMAT		79 *	80	81	82	83 TO	88 TO	88 TO
R	IOMAT		20 *	22 *	23	24	25	26 TO	32 TO
R	IOMAT		54 *	56 *	57	58	59	60 TO	66 TO
R	IOMAT		66 TO	66 *	68 *	69	70	71	72 TO

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
R	EQMAT		88 *	90 *	91	92	93	94 IO	100 IO
R	EQMAT		12 IO	32 *	34 *	35	36	37	38 IO
R	EQMAT		11 *	12	13	14	15 IO	20 IO	20 IO
R	EQMAT		45 *	46	47	48	49 IO	54 IO	54 IO
R	EQMAT		103 IO	103 *	102 *	103	104	105	106 IO
R	ETERIN		46 *	47	48	49	50	49	50
R	ETERIN		64 *	65	92 *	93	94		
R	ETERIN		51	51	52	52	58 *	59	60
R	ETRIM		92	92	96 *	97	98	98	149 *
R	ETRIM		88 *	89	88 *	89	89	90 *	91
R	ETRIM		150	150					
R	JACOBI		54 *	55	56	56	57		
R	JFOSIN		42 *	43	44 IO	98 *	99	99	
R	JSTRED		112 IO	112 *	193 IO	193 *			
R	JSTRED		30	58 IO	58 *	60 IO	60 *	92 IO	92 *
R	LGCINT		60 *	61	61	61			
R	LIZC		78 *	79	94 *	95			
R	LOADI		137 IO	137 IO	137 IO	137 IO	137 *	137 IO	137 IO
R	LOADI		138 IO	138 IO	138 IO	138 IO	138 IO	138 IO	138 *
R	LOADI		126 IO	126 *	131 *	132	132	132	133
R	LOADI		134 IO	138 IO	138 IO	138 *	138 IO	138 IO	138 IO
R	LOADI		137 *	138 IO	138 IO	138 IO	138 IO	138 IO	138 IO
R	LOADI		133	133	137 IO	137 IO	137 IO	137 IO	137 IO
R	LOADI		137 IO	137 IO	137 IO	137 IO	137 IO	137 IO	137 IO
R	LOADI		108 *	109	123 IO	123 *	123 IO	123 *	126 IO
R	MANU		69	70 *	71	71	71		
R	MDAL		56 IO	59 *	65 IO	65 *			
R	MORONS		44 *	46					
R	MNEM		112 *	113	114	115			
R	MODAL		57 *	58	58	71 *	72	72	
R	MODES		92 *	94	95 *	96	118		
R	OPENTL		22 *	26 *	26	27	28	29	30
R	OPETIC		12 *	19	25	35	44	48	50
R	OPRTR		71	69	80	81			
R	OUPS		33 *	34	35	37	38	39	40
R	OUPS		40						
R	OUTOUT		78 IO	78 *	87 *	88 IO	93 *	94 IO	99 *
R	OUTOUT		130 IO	105 *	106 IO	115 IO	115 *		
R	OUTOUT		38	46 IO	46 *	61 IO	61 *	61 IO	63 *
R	SUMSTF		39 *	40	41	42			
R	POSCHG		5						
R	PRSMAG		66 *	67	69	72	70		
R	PSETVT		99 *	100	130				
R	PTPOUT		43 *	43	47 *				
R	PTPOUT		23 SA	24	25	29 SA	29 SA	31	36 SA
R	PTPOUT		33	38	38 SA	38 SA	40	41 SA	42
R	PTPOUT		11 *	13	15	16	19 SA	20 SA	22
R	PUNCH		21 *	27	30	33	34	35	36 *
R	PUNCH		67 *	67	69	69 *			
R	PUNCH		36	37	38 *	57 *	64	65	66
R	PYLACC		24	24	24	25	25	25	28 *
R	PYLACC		30						
R	PYLACC		18 *	19	20	21	23	23	23
R	PYLACC		29	29	29	29	30	30	30
R	PYLINT		27	28	29	30	31	32	
R	PYLINT		20 *	21	22	23	24	25	26
R	QUAN		70 *	71	72	73			
R	RADIUS		1	3 IY	23 SA	31	34	36	52
R	RADIUS		60	62	63	62	63	64	66
R	RADIUS		53	54	56	57	53	59	59
R	RADIUS		69	71	72				
R	RADIAL		180	180	180	181	182	183	184
R	RADIAL		85	90 SA	92	95 SA	97	99	103
R	RADIAL		147	149	149	150	150	153	156
R	RADIAL		171	172	174	174	175	176	177
R	RADIAL		3 IY	40 *	41	42	43 SA	57	61
R	RADIAL		187 SA						
R	RADIAL		74	77 SA	77	80	81	83	84
R	RADIAL		126	131	132	132	133	136	140
R	READIN		115 IO	115 *					
R	REDSAR		4 *	5 SA	5 SA	5 SA			
R	REDSAR		23 IO	23 *	56 *	57 IO	63 IO		
R	REDSAR		14						
R	REDSAR		12 IO	12 *	25 IO	25 *	26 IO	26 *	32 *
R	RESTAT		79 *	80	80	105 *	106	106	127 *
R	RESTRT		144	149 *	150	150			
R	RESTRT		128	129	133 *	134	134	143 *	144
R	RTWAKE		28	31	34	34	38	41	41
R	RTWAKE		1	3 IY	15	18	19	22	25
R	SHKINT		49	49	51				

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
R	SMKINT		37 *	42 *	42	43	44	45	47
R	SIVAR		144 *	150 *	151 IO	158 *	159 *	160 IO	
R	SIVAR		35 IO	35 *	35 IC	35 *	77 *	78	100 *
R	SIVAR		101	101	132	132 *	133	133	143
R	SOLVE		6 *	8	18	20	21	22	29 *
R	SOLVE		30						
R	STAR		154 *	155	155	170 *	171	171	172
R	STAR		172						
R	START		98 SA	99	99 SA	99 SA	99 SA		
R	START		90 *	91	92	94	98	98 SA	98 SA
R	STOINT		64	64	40 *	91	91	91	
R	STOINT		3 TY	37 *	38	38	38	63 *	64
R	SWAP		50 *	51	52	53			
R	TAPFIX		1	9	14	22	33	39	47
R	TAPINT		40						
R	TABOUT		3 IO	3 *	5 *	7 IO			
R	TIMECO		77 *						
R	TRIM		67 *	68	68	69	71	72	76 *
R	TRIM		77	77	93 *	95 IC			
R	TRMINT		20 *	21	21	22	22	41 IO	41 *
R	TVTKIN		87 *	88	230 *	201	201	201	
R	UNSDER		39	39	39	40	41	41	42
R	UNSDER		42	42	45	48	50	51	51
R	UNSDER		1	27	27	28	28	29	29
R	UNSDER		30	30	34	35	37	38	38
R	UNSDER		52	52	52				
R	UNSTED		102	102	103	105	106	106	122
R	UNSTED		129	129	130	130			
R	UNSTED		1	3 TY	57	58	59	63	87
R	VARI		49 *	50	100 *	101	103 SA	108 SA	113 SA
R	VARI		146 *	147	148	166 *	167	167	
R	VORGST		47	47	48	48	48	48	51
R	VORGST		72	73	77	77	78	78	83 *
R	VORGST		51	52	52	53	53	54	54
R	VORGST		84	85	85	85	86	86	86
R	VORGST		40	41	42	42	43	43	43
R	VORGST		91	91	91	92	92	92	
R	VORGST		44	44	44	44	46	47	47
R	VORGST		87	87	87	89	90	90	93
R	VORGST		33 *	34	35	36	37	38	39
R	VORGST		56 *	57	58	59	60	61	62
R	VSCAS		1	11					
R	WAG		1	12	13	20	24	27 *	27
R	WKTAIN		18 *	19	53	54			
R	WKUNTV		61	61	62	63	63	63	63
R	WRHMTV		10 *	11	11	12	12	36 IO	36 *
R	WRHMTV		54	55	55	55	55	60 *	61
R	WKHMTV		38 IO	38 *	39 IO	39 *	44 IO	44 *	46 IO
R	WREMTV		46 *	47 IO	47 *	52 *	53	53	53
R	WRDELF		17	19 *	20	20	20		
R	WRDELF		13 *	14	14	14	16 *	17	17
R	WREM		92 IC	92 *	96 IO	96 *			
R	WREM		29 IO	29 *	34 IO	34 *	36 IO	36 *	67 IO
R	WREM		57 *	78 IO	78 *	83 IC	83 *	88 IO	88 *
R	WRMODF		32 *	34 *	34	35	36 IO		
R	WRMS		46	47 IO	47 IO				
R	WRMS		26 *	33 *	43 *	40	41 IO	41 IO	46 *
R	WROPTM		39 *	40	113 *	114	114	115	115
R	WROPTM		122 *	123	123	124	124	134 *	135
R	WRWK		41 IO	87 IO	108 *	109	111	115	120 *
R	WRWK		55 *	55	56	70 IC	70 *	78 *	81 IO
R	WRWK		121	121	121	125 *	126	126	126
R	WRWK		33 *	34	38 *	39	40	41	52 *
R	WRSMTV		18	19	26 *	27	28	29	30
R	WRSMTV		11 *	12	13	14	15	16	17
R	WRSMTV		34 *	35	35	36	36		
R	WRSTAB		11 *	12	13	14	15 IO	21 *	22
R	WRSTAP		45 IC	45 IO					
R	WRSTAB		23	24	25 IO	41 *	42	43	44
R	WRSWK		16 IC	16 *	18 *	20 IO	23	34 *	35
R	WRSWK		35	35	39 *	40	40	40	
R	WRTNSF		16 *	18	19	20	21	29 *	30
R	WRTNSF		32 *	33 IO	33 IO	33 IC			
R	WRVP		44						
R	WRVP		33 IO	33 *	38 *	41 *	41	42	43
R	WRVP		19 *	22 *	22	27	29	30	31
R	XSTINT		9 *	13	13	11	12	12	13
R	XSTINT		17	17	18	18	19	19	20
R	XSTINT		13	14	14	15	15	16	16
R	XSTINT		24	25	25	25	26	26	26

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
*	XSTINT		27	27	28	28	30	30	
*	XSTINT		20	21	21	22	22	23	23
*	XSTORE		58	58	59	59	59	60	60
*	XSTORE		62	63	64	65	66	67	68
*	XSTORE		68	69	69	69	69	69	70
*	XSTORE		24 *	25	26	27	28	29	30
*	XSTORE		53	33	34	34	34	34	57
*	XSTORE		72	73	74				
*	XSTORE		70	73	70	71	71	71	71
*	XSTORE		31	32	32	32	32	33	33
*	YPINIT		21 *	22	23	27 IO			
*	ZERO		84 *	85	119 *	120	121	122	123
KALP	CMCALC		3 TY	26 *	30	32	116	120	
KAI	CMCALC		3 TY	27 *	30 *	31	32	114	114
KAI	CMCALC		114	116	118	118	118	120	
KA2	CMCALC		3 TY	28 *	31 *	32	32 *	116	116
KA2	CMCALC		116	116	120	120	120	120	
KBITCO	KACTAL	ANDCIT	5 CO	41 *					
KBITCO	KANDOT	ANDCIT	3 CC	55					
KC	PTPCOT		22 *	23 SA	31 *	32 SA	40 *	41 SA	
KC	TABFIX		1	5	30	32			
KCIT	MANTYP	STRIMA	4 CO	18	32				
KCIT	MPCNTL	STRIMA	5 CO	11					
KCIT	READIN	STRIMA	21 CO	116 *					
KCIT	RESTRT	STRIMA	30 CC	78 *	104	126 *	142 *		
KCIT	SIVAR	STRIMA	22 CC	33					
KCIT	SUPERP	STRIMA	11 CO	23	35	47	59		
KCIT	TIMEJO	STRIMA	19 CO	40					
KCIT	TIVAR	STRIMA	8 CO	17					
KCIT	VARI	STRIMA	16 CO	29					
KDOF	ALSTAB	STRD	9 CO	30	35				
KDOF	INSTAB	STRD	188 *	189 *	190 *	191 *	198 *	199 *	236 *
KDOF	INSTAB	STRD	19 CO	174 *	177 *	181 *	182 *	183 *	184 *
KDOF	INSTAB	STRD	207 *						
KDOF	IOMAT	STRD	83	94	106				
KDOF	IOMAT	STRD	2 CC	15	26	38	49	60	72
KDOF	STAB	STRD	15 CO	75					
KDOF	WRINST	STRD	16 CC	26	44	64			
KDOF	WRMS	STRD	2 CO	39	45				
KDOF	WRSTAB	STRD	2 CC	15	25	33	45		
KEOF 10		TUPLOT	1 CO	31 *	34				
KEOF 10	READIN	TUPLOT	25 CO	126 *					
KEY	INSCAS		27 *	32 *	32	36	37	38	39
KEY	INSCAS		43	41	42	43	44	45	
KFLAG	WAY	STAPAN	2 CO	11	34 *				
KH	WRSTAB		30 *	37 *	37	39	40 IO	45 IO	
KI	TABFIX		27 *	31 *	47				
KI	WRMODE		33 *	36 IO	36 IO				
KJ	HEDSWK		34 *	35 IO	41 IO				
KJ	WRSWK		23 *	24 IO	29 IO				
KK	HDRFOO		30 *	31					
KK	CHGINT		25 *	26	27	27	28	34 IO	
KK	CNTM		1	15 *	18 *	37 *			
KK	GUST		70 *	71 *	72	73	74	77	78
KK	GUST		79	82	83	84	90	91	92
KK	HRESP		85 *	86					
KK	ITRIM		28 TY						
KK	ITROT		156	186	191				
KK	ITRUT		36 EQ	42 *	43 *	49 *	51 *	51	65
KK	MOMORG		95 *	97	98				
KK	MODES		112	114 *	115	115			
KK	MODES		105	109 *	110	110	111	111	112
KK	MODES		97 *	98	98	100	100	101	101
KK	MODES		102	102	103	103	104	104	105
KK	PUNCH		58 *	59	63	64			
KK	RADOUT		1	25 IO	39 IO	52	53	54	
KK	REDRWK		55 *	56					
KK	STRINT		3 TY	26 *	27	27	52 *	53	53
KK	STRINT		79 *	80	80				
KK	STRWAR		12	12					
KK	TABFIX		42	44	45				
KK	TABFIX		5 *	6	7	8	9	10	17
KK	TABFIX		19	20	26 *	32 *	33	34	35
KK	TVTRIM		62	197 *	198	199	235 *	236	237
KK	TVTRIM		248 *	249	253				
KK	TVTRIM		56 *	57	57	60 *	61	61	62
KK	VARI		92 SA	93					
KK	WRMODE		18 TY	19 TY	36 IO				
KK	WRSTM		132 *	133 IO	136 *	137 IO	137 IO		
KK	WRWK		50 *	77 *	78	107 *	110 *	110	111

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TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
KK	BRREK		36 *	43 *	43	44	44	45	49
KKEP	ITRET	ANDUIT	1 CC	36 EQ					
KKM	STRINT		3 TY	13 *	14	40	66		
KKO	TABFIX		34	35	39	42 *			
KKO	TABFIX		3 *	7	9	10	14	17 *	25 *
KKTV	TIRCT		44 *						
KK1	TABFIX		20 *	21	45 *	46			
KL	MULAL		53 *	55	55	56 *	58		
KL	READIN		43 *	41 *	56				
KL	STRINT		3 TY	14 *	16	40 *	42	66 *	68
KL	VSCAS		14 *	15	16				
KL	BRSTAR		29 *	33	36 *	36	38	40 10	45 10
KLM	ITRET	FORBK	6 CC	96 *	101 *	104 *			
KLM	RTBAKE	FORBK	45	45					
KLM	RTBAKE	FORBK	3 TY	4 CO	14	21	29	30	37
KLM	STBAK	FORBK	41	42	42	45	46	47	47
KLM	STRBAK	FORBK	49	53	53	53	53		
KLM	STRBAK	FORBK	2 CC	27 *	32 *	35 *	38	39	39
KLM	UNSDEN	FORBK	6 CC	44					
KM	JSTRED	INSTAR	215 *	220 *	225 *	230 *	235 *		
KM	JSTRED	INSTAR	163 *	173 *	182 *	190 *	198 *	204 *	209 *
KM	JSTRED	INSTAR	3 CC	32 *	42 *	55 *	66 *	76 *	89 *
KM	JSTRED	INSTAR	79 *	109 *	118 *	123 *	133 *	143 *	153 *
KM	REJAT3	INSTAR	5 CC	11 *					
KM	REQID	INSTAR	2 CC	34					
KM	REQRBK	INSTAR	3 CC	21 *					
KM	RERBSK	INSTAR	4 CC	10 *					
KMU	ITRET	FORBK	6 CO	96 *	91 *	94 *			
KMU	RTBAKE	FORBK	30	16	37	43	43		
KMU	RTBAKE	FORBK	3 TY	4 CO	14	20	21	27	27
KMU	STRBAK	FORBK	47	47	49	49	50	50	51
KMU	STRBAK	FORBK	40	41	42	42	43	43	46
KMU	STRBAK	FORBK	51						
KMU	STRBAK	FORBK	2 CC	18 *	22 *	25 *	39	39	39
KMU	UNSDEN	FORBK	6 CC	44					
KMUNL	RTBAKE		12 *	14	21	33	37		
KM1	KRTKEM	STRIMA	11 CC	53 *	51 SA				
KM1	COKR	STRIMA	11 CC	34 10					
KM1	ITRIM	STRIMA	23 CC	45 *	47 *	50 *	50	117	130 SA
KM1	SOLVE		1	3	4	5	8	20	21
KM1	SOLVE		24	26					
KM1	SUPERP	STRIMA	3 CC	68 *	69 SA				
KM1	WKVP	STRIMA	11 CC	33 10	34 10	46 10	63 10	72 10	
KN	BRMODE		35 *	36 10					
KVAZ	BRSKTV		11 *	12	12				
KVAZ	BRSKTV		33 *	36	36				
KJ	JSTRED	INSTAR	149 *	159 *	169 *	179 *	187 *	196 *	
KJ	JSTRED	INSTAR	3 CO	38 *	63 *	73 *	95 *	106 *	139 *
KJ	READIN	INSTAR	4 CO	56 *	72				
KJ	REQID	INSTAR	2 CC	17					
KJ	TABFIX		10 *	13	35 *	38			
KJMPLT	TIMEQJ		59 *	61 *	63	73 *	83 *	86	
KJMBRT	AFTRIM	NJMSET	17 CC	123 *	125 *				
KJMBRT	TIMEQJ	NJMSET	11 CC	29					
KJMFIG	ITRIM	STRIMA	23 CC	110 SA					
KJMFIG	ANEM	STRIMA	25 CC	33	107				
KJMFIG	PDZERO		1						
KJMFIG	RGOST	STRIMA	23 CC	31					
KJMFIG	START	STRIMA	29 CC	47 *	48 *	48	63 *		
KJMFIG	TILT	STRIMA	11 CC	31	37				
KJMFIG	TRIM	STRIMA	25 CC	36					
KJMFIG	WING	STRIMA	25 CC	47	48				
KJMPIG	KMMANU	STRIMA	14 CC	29 10	36 10	45 10	71 10		
KJMPIG	KNTMNV	STRIMA	11 CC	25 10	25 10	40 10	40 10	40 10	40 10
KJMPIG	RNTMNV	STRIMA	41 10	41 10	42 10	42 10			
KJMPIG	RLCNIN	STRIMA	14 CC	21					
KJNODM	TRMINT		2 TY	9 TY	21	22			
KJNPYL	APCNTL		1	7 TY	17 *	27 *	28 *		
KJNPYL	TIMEQJ		32 TY	33 SA	51	58 *	61		
KJNRTR	APCNTL		1	4 TY	47 *	48 *	55 *	56 *	
KJNRTR	ARITH		1	8 TY	24	27 *	32	37 *	42
KJNRTR	BRITH		43 *						
KJNRTR	ARITH		52 *	54	58	63 *	67	71 *	78
KJNRTR	TIMEQJ		26 TY	27 TY	33 SA	69 SA	83		
KJNSZI	TRMINT		1 TY	13 TY	15				
KJNTUR	AZMUTH	STARAN	28 CC	73	153	154			
KJNTUR	RECUR	STARAN	16 CC	29					
KJNTUR	TRIM	STARAN	23 CC	131 *	135	111 *			
KJS..	POSFNM		87 *	63 *	92	93	95	100	131
KJUNTS	STAR		40 *	114	121 *	121	122	123	124

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
KOUNTS	STAU		132 *						
KP	NAME		1	9					
KP	JSTRED		57 *	58 IO	59 *	60 IO	91 *	92 IO	
KP	LOADT		47 SA	98 SA	99 SA	129 SA	130 SA	140 SA	141 SA
KP	LOADT		142 SA						
KP	LOADT		75	76	80	85 SA	92 SA	95 SA	96 SA
KP	LOADT		49 *	52	53 *	53	56	62	65
KP	LOADT		67	8	69	70	71	72	73
KP	NPUTOT		60 *	61 IO	62 *	63 IO	77 *	78 IO	
KP	NRUNTY		1	7 SA					
KPASS	ITRIM		102						
KPASS	ITRIM		28 TY	32 *	55 *	61 *	61	63	63 *
KPD	BRTHFN	STAMAN	3 CO	20 *	28	39	42	44 *	44
KPD	BRTHFN	STAMAN	45	45 *	57	62	64	64	
KPERTS	LOCINT	STRIAB	24 CO	84 *					
KPERTS	STAU	STRIAB	17 CO	114	175				
KPI	COCL		3 TY	52 *	60 *	95			
KPOINT	ANAL	STRIMA	27 CO	122 SA	124 SA				
KPOINT	FLFINT	STRIMA	13 CO	36 *	44 SA	45 SA	46 SA	49 SA	50 SA
KPOINT	FLHINT	STRIMA	52 SA						
KPOINT	FUSACC	STRIMA	18 CO	29 SA					
KPOINT	ITHOT	STRIMA	31 CO	129 SA	130	132 *	133	135 *	
KPOINT	LIZE	STRIMA	34 CO	95 *					
KPOINT	TVTRIM	STRIMA	33 CC	97 SA	98 SA	99 SA			
KPYL	INSTAB	STBO	19 CO	194 *	201 *	209 *			
KPYL	IOMAT	STBO	2 CO	9	29	43	63	77	97
KPYL	NAPERT	STBO	9 CO	33					
KPYL	NRSTAB	STBO	2 CO	10	28				
KPI	ALLMAT		218 *	220	221				
KREAD	MANTYP	STRIMA	9 CO	17	31				
KREAD	NNEM	STRIMA	25 CO	98					
KREAD	NPCNTL	STRIMA	6 CO	10					
KREAD	READIN	STRIMA	21 CO	117 *					
KREAD	RESTRT	STRIMA	36 CO	76 *	77	132	103	124 *	125
KREAD	RESTRT	STRIMA	143 *	141	148				
KREAD	SIVAR	STRIMA	20 CC	32					
KREAD	SUPERP	STRIMA	8 CO	22	34	46	58		
KREAD	TIMEUO	STRIMA	19 CO	39					
KREAD	TIVAR	STRIMA	8 CO	16					
KREAD	VAR1	STRIMA	16 CC	28					
KREV	TVTRIM		69 *	111	113	113	114	123 *	123
KREV	TVTRIM		124						
KREVPT	ITERIN	STRIAB	41						
KREVPT	ITERIN	STRIAB	20 CC	35 *	36 *	36	40 *	40	41 *
KREVPT	TVTRIM	STRIAB	28 CO	113	155				
KREVX	TVTRIM		70 *	71 *	114	124	155		
KREVXX	ITERIN	STARAN	17 CC	37 *	38	38 *	39	39 *	40
KREVXX	ITERIN	STARAN	41						
KREVXX	TVTRIM	STARAN	25 CC	70					
KRFMUM	TVTRIM		106 *	132	133	134	135	136	137
KRFMUM	TVTRIM		138	139	140	257 *	257		
KRKA	TVTRIM		42 TY	49 *	50 *	53	54	57 *	61
KRK1	TVTRIM		42 TY	43 TY	61 *	62	198	236	249
KRK2	TVTRIM		42 TY	43 TY	53 *	54 *	57	62 *	199
KRKL	TVTRIM		237	250					
KROT	INSTAB	STBO	19 CC	179 *	185 *	192 *			
KROT	IOMAT	STBO	2 CO	9	17	43	51	77	85
KROT	NAPERT	STBO	9 CO	32					
KROT	NRSTAB	STBO	2 CO	10	17				
KRT	TVTRIM		198 *	200	236 *	238	249 *	251	
KRZ	TVTRIM		199 *	200	237 *	238	250 *	251	
KS	MORORS		18 TY	19 TY	94	95	135		
KSGI	INBMSS		33 *	44	44	62			
KSGZ	INBMSS		40 *	45	45	63			
KSI	MORORS		135 *	136					
KSTA	SHRINT		23 *	34	35	35			
KSTAI	SHRINT		20 *	23					
KTABFS	FUSENM	FTAB1	7 CC	71	81	90	108	117	
KTABFS	JSTRED	FTAB1	2 CO	125					
KTABFS	LOCINT	FTAB1	2 CO	40 *	41 *				
KTABFS	NPUTOT	FTAB1	2 CO	61					
KTABFS	START	FTAB1	5 CC	44	89				
KTABLE	COCL		3 TY	29 *	80	93	103 SA		
KTCTR	MANU	STAMAN	14 CO	32	34	39 *	39		
KTCTR	RESTRT	STAMAN	26 CO	82 *					
KTHPT	FOCUS	STRIMA	20 CO	39 *					
KTHPT	ITHOT	STRIMA	31 CC	129 SA	130	132	133	135	
KTRIM	THIM	STRIAB	22 CO	50 *	61 *	79 *	79	97	112
KTI	HTMAKE		3 TY	16 *	17	17	18	18	23 *
KTI	PTMAKE		34	34	39 *	40	40	41	41

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
RT1	RTWAKE		24	24	25	25	32 *	33	33
RT2	RTWAKE		33 *	34	34	40 *	41	41	
RT2	RTWAKE		3 TY	17 *	18	18	24 *	25	25
RU	READIN		42 *	43 *	56				
RU	STRINT		51	53	62	62	63	67 *	68
RU	STRINT		3 TY	15 *	16	22	24	25	27
RU	STRINT		74	77	78	80	89	89	90
RU	STRINT		36	36	37	41 *	42	48	50
RUL	STRWAK		12 *	38	39	39	41	42	42
RUL	STRWAK		46	47	47	49	50	50	
RVALUE	INSTAB		33 TY	34 TY	159				
RVAR	COMM	STRTAB	8 CC	29					
RVAR	INSTAB	STRTAB	21 CO	159 *					
RVAR	ITERIN	STRTAB	20 CO	45					
RVAR	JACOBI	STRTAB	14 CO	41	44				
RVAR	LOCINT	STRTAB	24 CO	42 *	43 *				
RVAR	LIZE	STRTAB	29 CC	98 *	101 *				
RVAR	STAB	STRTAB	17 CO	50	54				
RVAR	WRPERT	STRTAB	11 CO	21					
RVAR	WRVP	STRTAB	8 CO	26	28	52			
RVARI	WRPERT		21 *	22					
RVARJ	STAB		50 *	51	51				
RVARJI	STAB		54 *	55	55				
RVARL	JACOBI		41 *	42	42	59	59		
RVARL	WRVP		26 *	27					
RVARLI	JACOBI		44 *	45	45				
RVIND	CHDINT	STARAN	16 CC	29 *					
RVIND	RADPGN	STARAN	3 TY	23 CO	33				
RWINDX	LOCINT	MANAL	4 CC	65 *					
RWINDX	WRPM	MANAL	7 CC	42					
RX	STRINT		3 TY	18 *	19 *	22 *	23	23	23
RX	STRINT		36	44 *	45 *	48 *	49	49	49
RX	STRINT		62	70 *	71 *	74 *	76	76	76
RX	STRINT		89						
RX	TABINT		3 *	10 *	15	16	18	38	
RXD	PTBOUT	ATAB	2 CO	32 SA					
RXD	STRINT	ATAB	3 TY	8 CC	40				
RXL	PTBOUT	ATAB	2 CO	23 SA					
RXL	STRINT	ATAB	3 TY	8 CO	14				
RXL	TABFIX		1	2 TY	8 *	14 *	22 *		
RXM	PTBOUT	ATAB	2 CO	41 SA					
RXM	STRINT	ATAB	3 TY	8 CO	66				
RXR	WRRWK		20 TY	34 *	49 *	54	109		
RZ	STRINT		39	56 *	57 *	60 *	62	65	65
RZ	STRINT		3 TY	33 *	31 *	34 *	36	39	39
RZ	STRINT		65	83 *	84 *	87 *	89	92	92
RZ	STRINT		92						
RZ	TABINT		22 *	29 *	34	35	36 *	36	38
RZD	PTBOUT	ATAB	2 CO	32 SA					
RZD	STRINT	ATAB	3 TY	8 CO	53				
RZL	PTBOUT	ATAB	2 CO	23 SA					
RZL	STRINT	ATAB	3 TY	8 CC	27				
RZL	TABFIX		1	2 TY	33 *	39 *	47 *		
RZM	PTBOUT	ATAB	2 CO	41 SA					
RZM	STRINT	ATAB	3 TY	8 CO	80				
R1	ITRIM		127	132 *	135 *	135	136		
R1	ITRIM		113 *	116 *	116	117	123 *	126 *	126
R1	NUPS		35 *	36					
R1	PUNCH		39 IO	39 IO	39 IO	39 *	49 IO	49 IO	49 IO
R1	PUNCH		77 IO	77 *					
R1	PUNCH		49 *	70 IO	70 IO	70 IO	70 *	77 IO	77 IO
R1	RTWAKE		25	25	30 *	31	34	34	37 *
R1	RTWAKE		3 TY	14 *	15	18	18	21 *	22
R1	RTWAKE		38	41	41				
R1	SOLVE		27 *	28					
R1	SUPERP		18 *	19	23	20			
R1	WRMS		27 *	28	29 IO				
R1	WRVP		69	70					
R1	WRVP		56 *	59 *	59	60	61	66 *	69 *
R2	ITRIM		119 *	122 *	122	127			
R2	PUNCH		53	71 *	72	73	74		
R2	PUNCH		41 *	42	43	44	50 *	51	52
R2	WAG		12 *	15	17	23	28 *	28	31
R2	WRMS		25 *	27	28 *	29 IO			
R2	WRVP		61	63 IO	63 IO				
R2	WRVP		48 *	51 *	51	53	54	55	60
R3	FPYLAG		17 *	18	28	29	30		
R3	PRETVT		73 *	75 *	75	79	80	81	81
R3	PRETVT		82						
R3	TVTRIM		216 *	218 *	218	219	220		

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
X33	FPYLAC		18 *	21	24	24			
X4	WAG		13 *	14	25	29 *	29	30	
L	ALLMAT		167	177					
L	AUXJET		1	14	15	16	17	19	20
L	AUXJET		21	23					
L	AZMINT	ANDOIT	55	55	60	61	79	81	82
-	AZMINT	ANDOIT	83						
-	AZMINT	ANDOIT	2 CO	27	30	31	51	52	53
-	AZMUTH	ANDOIT	121 IO	124	129	133	133	133	146
L	AZMUTH	ANDOIT	3 TY	4 CO	68 *	73	85	112	121 IO
L	AZMUTH	ANDOIT	147						
L	B4SINT		61	62	63	63	63	64	64
L	BMSINT		27 *	44 *	47	48	49	51	52
L	BMSINT		64	65	66	67	68	69	70
L	BMSINT		71						
L	BMSINT		53	55 *	55	57	57	59	60
L	BRTREM		1	19	21	33	58		
L	BUNDER	ANDOIT	30	30					
-	BUNDER	ANDOIT	2 CO	26	27	27	27	29	30
L	CNTM		1	26	26	28	28	30	30
-	CNTM		31	31	34	34	34	35	35
L	CNTM		35	37	40	40			
-	DERIV	ANDOIT	2 CO	153 *	154	155	159	159	161
-	EXTORS		1	21	23	23	24	29	31
L	EXTORS		40	41	71	72	73		
L	FLORM		1	14	15	16			
L	FLPSTP		14	15	15	17	17	18	18
L	FLPSTP		1	12	13	13	13	13	14
L	FOCUS	ANDOIT	2 CO	52 *	54	54			
L	IMFKMP		26						
L	INFTR		53	53	56	57	58		
L	INFTR		42 *	45	45	48	49	50	50
-	INSTAB		95 *	96	96				
L	IOMAT		92 *	93	93 *	94	104 *	105	105 *
-	IOMAT		106						
L	IOMAT		48 *	49	58 *	59	59 *	60	70 *
L	IOMAT		1	71 *	72	81 *	82	82 *	83
L	IOMAT		26	36 *	37	37 *	38	47 *	48
L	IOMAT		13 *	14	14 *	15	24 *	25	25 *
L	ITRIM		133 *	134	136				
-	ITRUT	ANDOIT	152	152	152	168 *	169	170	175
-	ITRCT	ANDOIT	175	178					
-	ITRUT	ANDOIT	2 CO	150 *	151	151	151	151	152
L	JACOBI		29 *	30	32	41	42	47	53
L	JACORI		56	56					
-	MANTYP		17 *	18	28 *	29	31 *	32	
L	MODES		99 *	100	100	101	101	102	102
L	MODES		110	110	111	111	112	112	
L	MODES		103	103	104	104	105	105	108 *
L	MOMB		25	26					
L	MOMB		1	10	12	14	24	24	25
-	MPCNTL		10 *	11	14	35			
L	MTLT		1	22	24	25			
-	NUPS		36 *	37	38	39	40	40	
-	POPFOO	ANDOIT	2 CO	54					
L	PUNCH		19 *	20	25				
L	QUAN		68 *	72	73	76 *	77	78	79
-	RADMGN	ANDOIT	3 TY	4 CO	52	53	54	59	60
L	RADIAL	ANDOIT	3 TY	4 CO	63	84	85	99	100
L	RADIAL	ANDOIT	171	172					
L	RADIAL	ANDOIT	138	149	150	151	153	153	153
L	REDRWK		57 IO	57 *	63 IO	63 *			
L	REDSRK		35 IO	35 *	41 IO	41 *			
-	SHKINT		27 *	28	29	29	29		
L	SIVAR		32 *	33	35 IO	43	43	44	44
L	SIVAR		146	146	149	154	154	157	157
L	SIVAR		111	111	111	112	113	113	113
L	SIVAR		79	81	81	82	82	84	84
L	SIVAR		139	139	140	140	140	143	143
L	SIVAR		165	168	169	170	172	174	175
L	SIVAR		133	133	135	135	136	136	139
L	SIVAR		120	120	122	122	123	123	123
L	SIVAR		94	94	95	96	98	98	99
L	SIVAR		99	99	100	105	106	106	137
L	SIVAR		182 IO						
-	SIVAR		85	86	86	86	86	88	88
L	SIVAR		45	46	46	46	46	47	48
L	SIVAR		113	116	117	118	118	119	119
L	SIVAR		157	158	159	164	164	164	165
L	SIVAR		89	89	90	90	91	91	91

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
L	SIVAR		108	108	109	109	110	110	111
L	SIVAR		123	124	125	128	128	128	129
L	SIVAR		51	52	53	54	55	56	74
L	SUPERD		44	45	56	57	67	75	76
L	SUPERD		1	15	15	16	16	32	33
L	SUPERD		77	78					
L	SWSRAT	ANDUIT	2 CC	33 *	34	34			
L	TIMEGO		39 *	40					
L	TIVAR		28	31 IO					
L	TIVAR		16 *	17	21	21	23	25	27
L	TRIM		33 TY	70 *	71	72			
L	TVTRIM	ANDUIT	2 CC	223 *	224	224	225	225	
L	UNSDER	ANDUIT	2 CC	38	39	39	39	41	42
L	UNSDER	ANDUIT	42	42	51	52	52	52	
L	VARI		175 SA	179	180	181	182	183	
L	VARI		28 *	29	41	43	44	45	45
L	VARI		123	124	127 SA	130 SA	132	133	136 SA
L	VARI		142	143	142	143	143	144	146
L	VARI		147	147	150	151	151	151	151
L	VARI		46	92 SA	133 SA	108 SA	113 SA	118	119
L	VARI		154 SA	157 SA	160 SA	163 SA	167	167	172 SA
L	VGUNS		1	16	17	18	19	20	
L	VIND		30 *	32 *	32	33			
L	VSCAS		1	4	18				
L	WAFWK		81 IO	81 *	87 IO	87 *	97 *	103	111
L	WRFWK		115						
L	WRSTAB		25	43 *	44	44 *	45		
L	WRSTAB		13 *	14	14 *	15	23 *	24	24 *
L	WRSWK		24 IO	24 *	29 IO	29 *			
L	WRVP		63 IO	63 *	67 *	68	70		
L	WRVP		20 *	21	24	25	26	28	33 IO
L	WRVP		44	52 *	53	54	55	63 IO	63 *
L	WRVP		33 *	34 IO	34 *	39 *	40	42	43
LAM	RADBGN		1	2 TY	26 TY	33 *	34 *	68	70
LAM	RADIAL		32 TY	43 SA	186 SA				
LAM	RADOUT		1	21 TY	54				
LAMBDA	ITNOT	STARAD	18 CC	19 TY	72 *	75			
LAMBDA	RADBGN	STARAD	2 TY	18 CC	19 TY	34			
LAMBDA	VIND	STARAD	37						
LAMBDA	VIND	STARAD	8 CC	9 TY	29 *	35	36	36	37 *
LAM2	VIND		16 TY	35 *	36	36			
LAPC	FUSFNM	STARAN	18 CC	69	69	79	79	106	106
LAPC	YFINIT	STARAN	12 CC	90 *	92 *				
LASTL	MANU	FORY	2 CC	73	74	87			
LASTL	SVINT	FORY	2 CC	20 *	22				
LASIMS	NEGRMS		5 *	6 IO					
LB	AFTRIM		69 *	70	71				
LB	GPSHFT		42 *	43	48	54 *	54		
LB	PRETVT		68 *	72 *	72	73			
LB	QUAN		57 *	58	59	60	61		
LB	TIMLP		31 *	32	33				
LB	TVTRIM		215	215					
L4	TVTRIM		115 *	116	117	118	180	213 *	215 *
LBD	BDPFDD		18 *	20 *	20	23			
LBD	QSBDPF		22 *	24	24	25	25	26	26
LBD	QSBDPF		27	27	35	35	35	36	36
LBD	QSDDPF		39	39	40	40			
LBD	QSBDPF		36	37	37	37	38	38	38
LBD	QUAN		67 *	69 *	69	71			
LBDPF	AFTRIM	FORY	6 CC	69					
LBDPF	GPSHFT	FORY	3 CC	42					
LBDPF	MPCNTL	FORY	2 CC	40					
LBDPF	PRETVT	FORY	2 CC	68					
LBDPF	QUAN	FORY	3 CC	57					
LBDPF	SVINT	FORY	2 CC	13 *	14				
LBDPF	TIMLP	FORY	2 CC	31					
LBDPF	TVTRIM	FORY	7 CC	49	115	213			
LBDPFD	BDPFDD	FORY	7 CC	18					
LBDPFD	MPCNTL	FORY	2 CC	41					
LBDPFD	QSBDPF	FORY	6 CC	22					
LBDPFD	QUAN	FORY	3 CC	67					
LBDPFD	SVINT	FORY	2 CC	14 *	15				
LBDPFD	TVTRIM	FORY	7 CC	50					
LBLO	AZMUTH	STARAN	105	131	131	131	135	135	154
LBLO	AZMUTH	STARAN	3 TY	28 CC	67 *	68	71	72	132
LBLO	SMKCTL	STARAN	16 CC	27					
LBT	GPSHFT		43 *	52	55 *	55			
LCKCYK	AFTRIM	STREAM	29 CC	53	54				
LCKCYK	XCLNIN	STREAM	16 CC	51 *	52 *	53 *	54 *		
LDISP	AFTRIM	FORY	6 CC	63	64	65	66		

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS					
LDISP	AJACOB	FORY	2 CC	54				
LDISP	FUSACC	FORY	2 CC	53	54	56	55	67	68
LDISP	FUSACC	FORY	67					
LDISP	GRPGRD	FORY	2 CC	33	31	32	33		
LDISP	MNEM	FORY	2 CC	78	79	80	146		
LDISP	QUAN	FORY	3 CC	37	38	39	42	43	44
LDISP	SVINT	FORY	2 CC	11 *	12				
LDISP	TRIM	FORY	2 CC	35					
LDOF1	INSTAB	STRIAN	21 CC	65 *					
LDOF1	ITRIM	STRIAN	20 CC	37 *	39	48	88	90	96
LDOF1	ITRIM	STRIAN	114	124					
LDOF1	JACOBI	STRIAN	14 CC	54					
LDOF1	MRVP	STRIAN	9 CC	39	57	67			
LDOF2	INSTAB	STRIAN	21 CC	54 *					
LDOF2	ITRIM	STRIAN	114	124					
LDOF2	ITRIM	STRIAN	20 CC	38 *	40	48	88	90	96
LDOF2	JACOBI	STRIAN	14 CC	54					
LDOF2	MRVP	STRIAN	9 CC	39	57	67			
LEXT	ANAL	MANAL	12 CC	14 TY	133				
LEXT	XSTORE	MANAL	5 CC	7 TY	15 *	72 *	74		
LEXTJ	ANAL	MANAL	13 CC	14 TY	108				
LEXTJ	XSTORE	MANAL	6 CC	7 TY	21 *	28 *	29		
LFUS	ANAL	MANAL	9 CC	14 TY	108				
LFUS	FUSFAM	MANAL	4 CC	13 TY	135 *	153 *	153		
LFUS	MREM	MANAL	5 CC	15 TY	23	23 IO	48	47 SA	
LGCINT	LGCINT		1						
LGCINT	MEADIN		47 SN						
LGUN	ANAL	MANAL	13 CC	14 TY	135				
LGUN	VGUNS	MANAL	3 CC	7 TY	25 *				
LINK	AFTHIN	MANAL	12 CC	107 *					
LINK	AJACOB	MANAL	5 CC	36	48	71	117		
LINK	ANAL	MANAL	13 CC	115					
LINK	AZMUTH	MANAL	13 CC	71	72				
LINK	CONSTB	MANAL	3 CC	33 *					
LINK	FOCUS	MANAL	7 CC	28	49	50	51		
LINK	GPELGE	MANAL	5 CC	19					
LINK	GRPELT	MANAL	4 CC	26					
LINK	GRPGRD	MANAL	5 CC	17					
LINK	GRPSHP	MANAL	10 CC	51					
LINK	INSTAB	MANAL	5 CC	41 *	145 *				
LINK	ITHOT	MANAL	171	185	186	186	190		
LINK	ITHCT	MANAL	12 CC	43	47	48	65	156	159
LINK	MNEM	MANAL	3 CC	95 *					
LINK	PDPFOD	MANAL	7 CC	33	35	35	45	59	65
LINK	PDWFOD	MANAL	71	80	86				
LINK	QADIAL	MANAL	10 CC	138					
LINK	RESTRT	MANAL	19 CC	116 *	139 *				
LINK	ROTAN	MANAL	14 CC	43	71	72	76		
LINK	TRIM	MANAL	4 CC	74 *					
LINK	WREM	MANAL	6 CC	21	42				
LINK	WRTMNV	MANAL	3 CC	26	29	32	33	35	36
LINK	WRTMNV	MANAL	38	39					
LINKEY	AFTHIN	MANAL	12 CC	55 *					
LINKEY	SAVTHS	MANAL	3 CC	14 IO					
LINKEY	TRIM	MANAL	4 CC	51 *					
LINKEY	TVTHIN	MANAL	13 CC	46 *					
LIZE	LIZE		1						
LIZE	START		37 SN						
LJTGN	ANAL	MANAL	9 CC	14 TY	135 *	108			
LJTGN	WREM	MANAL	5 CC	10 TY	31 IO	71 SA			
LJTSN	EXTCKS	MANAL	9 CC	13 TY	35 *	77 *			
LJTSN	LIZE	MANAL	15 CC	16 TY	164 *				
LJTSN	WREM	MANAL	9 CC	13 TY	36 IO	82 SA			
LJTSN	XSTORE	MANAL	6 CC	7 TY	28				
LL	READBK		61 *	63 IO					
LL	RFDSBK		39 *	41 IO					
LL	STHRBK		14	12					
LL	WRHBK		79 *	81 IO	84 *	87 IO			
LL	WRSBK		21 *	24 IO	27 *	29 IO			
LL	WRVP		28 *	29	30	31			
LLJET	ANAL	STARAN	16 CC	21 TY	92 *	105			
LLJET	JFBGIN	STARAN	14 CC	19 TY	55 *				
LLL	WRBK		71 *	79	80				
LLL	WRSBK		17 *	21	22				
LLWG	ANAL	MANAL	9 CC	14 TY	108				
LLWG	WING	MANAL	181						
LLWG	WING	MANAL	8 CC	13 TY	133 *	140	156 *	156	181 *
LLWG	WREM	MANAL	5 CC	10 TY	27 IO	61 SA			
LMISC1	DERIV	FORY	102	103	104	105	110	133	134
LMISC1	DERIV	FORY	6 CC	66	67	73	74	130	131

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
LMISC1	FLDRM	FORY	2 CC	20	20				
LMISC1	FUSACC	FORY	56	59	61	62	63	64	70
LMISC1	FUSACC	FORY	7 CC	45	45	46	46	47	50
LMISC1	GPFLGE	FORY	2 CO	27	29				
LMISC1	GPSHFT	FORY	1 CO	15	24				
LMISC1	INIT	FORY	1 CC	32					
LMISC1	MANU	FORY	2 CO	52					
LMISC1	MNEM	FORY	2 CO	145	147	148			
LMISC1	PRETVT	FORY	2 CO	85					
LMISC1	QUAN	FORY	3 CO	35	40	40	41	65	
LMISC1	TOTAN	FORY	6 CC	47	47				
LMISC1	SVINT	FORY	2 CO	12 *	13				
LMISC1	TIMLP	FORY	2 CO	20	21	21	24	24	24
LMISC1	TIMLP	FORY	36	37	49	50			
LMISC1	TVTRIM	FORY	204	206	243	243	256	256	
LMISC1	TVTRIM	FORY	7 CO	108	108	108	109	179	204
LMISC1	VAR1	FORY	2 CC	27					
LMISC1	WRMANU	FORY	2 CO	41					
LMM	ANAL	MANAL	4 CO	14 TY	44 *	108			
LMR	WRFM	MANAL	5 CO	10 TY	24 IO	51 SA			
LMT	READWR		58 *	60	61	62 *	62	63 IO	
LMT	READWR		36 *	38	39	43 *	40	41 IO	
LMT	WRRWR		87 IO						
LMT	WRRWR		80 *	83	84	85 *	85	86 *	86
LMT	WRSWR		22 *	26	27	28 *	28	29 IO	
LMTRIN	ITERIN		27 TY	28 TY	44 *	45 *	47		
LMI	JACOBI		27 *	44	45	47 *			
LNGTH1	GUST	MANAL	4 CC	7 TY	51	66			
LNGTH1	FGUST	MANAL	8 CO	11 TY	53	65			
LNGTH1	SIVAR	MANAL	7 CO	10 TY	53 *	54	60	63	67
LNGTH1	SIVAR	MANAL	67						
LNGTH2	SIVAR		25 TY	55 *	57	62	62	69	69
LOADT	CONTRM		7 SN						
LOADT	LOADT		1						
LOCKFS	LGCINT	INSTAR	3 CC	56 *	57 *				
LOCKFS	MNEM	INSTAR	4 CC	136					
LOGF	FUSFNM	STAHAN	18 CC	46					
LOGF	FUSINT	STAHAN	16 CC	66 *					
LOGF	YFINIT	STAHAN	12 CC	74 *					
LOSTIP	INNL	STAHAN	21 CO	75 *	90 *	128			
LOSTIP	VIND	STAHAN	13 CC	17					
LOT	MPRTN		51	51	61 *	62	62	69 *	70
LOT	MPRTN		25 *	26	26	35 *	36	36	50 *
LOT	MPRTN		73	81 *	82	82			
LOTRTN	MPCNTL		1	9 TY	40 *	41 *			
LOTRTR	MPRTN		1	8 TY	25	35	50	61	69
LOTRTR	MPRTN		81						
LOTRTN	TIMECO		26 TY	27 TY	34 SA	69 SA			
LOWANG	FUSFNM		70 *	89 *	107 *	156 SA			
LOWSS	WSHOUF		1	16	19				
LP	DOPFDD		44 *	45	48				
LP	DENIV		138 *	139	142				
LP	FUSACC		21 TY	22 *	34	36			
LP	PRETVT		19 *	41					
LP	QUAN		50 *	51	54				
LP	TVTRIM		208	210					
LP	TVTRIM		149 *	150	152	169 *	170	172	207 *
LPASS	ITRIN	STRIAN	59 CC	63					
LPASS	LGCINT	STRIAN	24 CC	44 *	58 *	59 *	61	61	61 *
LPD	DOPFDD		45 *	47					
LPD	DENIV		139 *	141					
LPD	FUSACC		21 TY	37 *	39	41			
LPD	QUAN		51 *	54					
LPD	TVTRIM		153 *	153	170 *	173	208 *	211	
LPDPF	DOPFDD	FORY	7 CC	44					
LPDPF	DENIV	FORY	6 CC	138					
LPDPF	INIT	FORY	3 CC	57					
LPDPF	PRETVT	FORY	2 CC	39					
LPDPF	QUAN	FORY	1 CC	53					
LPDPF	SVINT	FORY	1 CC	15 *	16				
LPDPF	TVTRIM	FORY	7 CC	149	169	207			
LPDPFS	SVINT		16 *	17					
LPDS	MODES	STRIN	15 CC	20 *	98 *	98			
LPDS	PUNCH	STRIN	9 CC	62					
LPDSI	PUNCH		92 *	93	94				
LPHORN	LHOINT	STAHAN	16 CC	31 *	36 *				
LPHORN	INRTN	STAHAN	17 CC	25					
LPHORN	RADIAL	STAHAN	23 CC	140	147				
LPHRN	INRTN		25 *	26	28				
LPMO	ANAL	MANAL	7 CC	14 TY	48 *	108			

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
LJMK	WKFM	MANAL	5 CC	13 TY	39 IO	91 SA			
LJMK	WHLPTM	MANAL	10 CC	15 TY	96 SA				
LJTR	ANAL	MANAL	4 CC	14 TY	65 *	108			
LJTK	WRFM	MANAL	5 CC	13 TY	40 IO	95 SA			
LJTK	WKUPTM	MANAL	10 CC	15 TY	97 SA				
LRJET	ANAL	STARAN	16 CC	21 TY	95 *	105			
LRJET	JFBGIN	STARAN	14 CC	19 TY	58 *				
LRBB	ANAL	MANAL	9 CC	14 TY	108				
LRBB	WING	MANAL	8 CC	13 TY	140 *	179 *	179		
LRBB	WRFM	MANAL	5 CC	13 TY	26 IO	59 SA			
LSHAK	AZMUTH	STARAN	28 CC	105					
LSHAK	SHRINT	STARAN	16 CC	21 *	22	22 *			
LSPTCH	SCASIT	FORY	16	16	17	17	18	18	19
LSPTCH	SCASIT	FORY	19	19	19				
LSPTCH	SCASIT	FORY	2 CC	14	14	15	15	16	16
LSPTCH	SVINT	FORY	2 CC	17 *	18				
LSPTCH	VARI	FORY	2 CC	103 SA	104	104	108 SA	113 SA	
LSROLL	SCASIT	FORY	27	27	27				
LSROLL	SCASIT	FORY	2 CC	22	22	23	23	24	24
LSROLL	SCASIT	FORY	24	24	25	25	26	26	27
LSROLL	SVINT	FORY	2 CC	18 *	19				
LSROLL	VARI	FORY	2 CC	109	109				
LST	MODES		24 TY	25 TY	93				
LSTB	STBFNM		35 TY	177 *	180	181			
LSTB	WING		30 TY	129 *	132	133			
LSTHZ	ANAL	MANAL	12 CC	14 TY	108				
LSTHZ	STBFNM	MANAL	16 CC	18 TY	39 *	184 *	184		
LSTL2	JACOBI		32 *	59					
LSTP	RESTRT	NORSET	24 CC	55 IO	65 IO	109 IO	114 IO	136 IO	137 IO
LSTPTB	MANTYP	NORSET	8 CC	16 *					
LSTPTH	MANU	NORSET	13 CC	97	99				
LSTPTH	TIMEQQ	NORSET	11 CC	31 *	91 *				
LSTZ	STBFNM	MANAL	16 CC	18 TY	181 *	184			
LSTZ	WRFM	MANAL	8 CC	10 TY	29 IO	66 SA			
LSYAW	SCASIT	FORY	2 CC	30	30	31	31	32	32
LSYAW	SCASIT	FORY	35	35	35				
LSYAW	SCASIT	FORY	32	32	33	33	34	34	35
LSYAW	SVINT	FORY	2 CC	19 *	20				
LSYAW	VARI	FORY	2 CC	114	114				
LTN	ANAL	MANAL	9 CC	14 TY	61 *	108			
LTN	WRFM	MANAL	5 CC	13 TY	25 IO	55 SA			
LTVSTB	LGCINT	STARAN	21 CC	78 *					
LVAR	INSTAB	STRTAB	21 CC	166 *	167 *	168 *	169 *		
LVAR	STAB	STRTAB	17 CC	58	61				
LVAR	WRPERT	STRTAB	11 CC	26	27				
LVARJ	STAB		58 *	59	59	177	177		
LVARJI	STAB		61 *	62	62				
LVEL	APTRIM	FORY	6 CC	57	58	59	60	61	62
LVEL	FPYLAC	FORY	2 CC	28	28	28	29	29	29
LVEL	FPYLAC	FORY	30	30	30				
LVEL	FUSACC	FORY	2 CC	31	32	33	42	43	44
LVEL	GMELGE	FORY	2 CC	21	22	23	24		
LVEL	QUAN	FORY	3 CC	29	30	31	32	33	34
LVEL	STBFNM	FORY	6 CC	43	43				
LVEL	SVINT	FORY	2 CC	10 *	11				
LV1	WRPERT		26 *	28					
LV2	WRPERT		27 *	29					
LWO	MODES		2 TY	28 *	39 *	39	64		
LWING	WRFM	STARAN	16 CC	130 *					
LWING	WING	STARAN	19 CC	118 *	118	119	121 SA		
LWING1	WING		114 *	125 SA					
LXTR	EXTERS	MANAL	8 CC	10 TY	68 *				
LXTR	WRFM	MANAL	8 CC	13 TY	34 IO	77 SA			
LXTR	XSTORE	MANAL	5 CC	7 TY	69 *	72			
L1	YFINIT		17 TY	18 TY	49				
L116	YFINIT		49 *	50	51	52			
L2	YFINIT		17 TY	18 TY	55				
L213	YFINIT		55 *	56	57	58			
L3	YFINIT		17 TY	18 TY	22				
L3K	YFINIT		22 *	24	24	25			
L4	YFINIT		17 TY	18 TY	23				
L4K	YFINIT		23 *	24	24	26			
M	ALLMAT		1	13	79	86	90	158	159
M	ALLMAT		160	161	162				
M	ALSTAB		29 *	30	34 *	35	60 *	61 SA	
M	AZMINT		50 *	51	51	51	51	52	52
M	AZMINT		52	53	53	53	59 *	60	60
M	AZMINT		61	61					
M	AZMUTH		125	126	127	128	129	129	130
M	AZMUTH		112	112	112	112	112	112	112

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TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
W	AZMUTH		121 IO	121 IO	121 IO	122 IO	122 IO	124	125
W	AZMUTH		131	131	133	133	133	133	133
W	AZMUTH		133						
W	AZMUTH		3 TY	63 *	64	64	65	65	65
W	AZMUTH		103 *	105	107	111	112	112	112
W	AZMUTH		114	115	116	117	118	120	121 IO
W	AZMUTH		121 IO	121 IO	121 IO	121 IO	121 IO	121 IO	121 IO
W	BDPFOD		40	41					
W	BDPFOD		19 *	21	25	31	37	39	39
W	BRTRFM		30 *	31	47 *	48	48		
W	DERIV		159	159					
W	DERIV		158 *	159	159	159	159	159	159
W	FLOAH		21 *	22	22				
W	FOCUS		53 *	54	54				
W	FRQMES		1	13					
W	GPSMFT		47 *	48	48	49	51	51	
W	GUST		66	66	67	67	67	67	
W	GUST		50 *	51	52	53	53	55	56
W	GUST		57	57	59	61	65 *	66	66
W	HRESP		22 *	23	24	26	27	31	32
W	HRESP		119						
W	HRESP		105	108 *	111	112	118	118	119
W	HRESP		32	51	52	53	104	104	105
W	INIT		43 *	44	44	45	46	47	48
W	INSTAB		131 *	133	133	134	134	211 *	213
W	INVERS		1	33 IO					
W	ITRIM		85	86	86				
W	ITRIM		73 *	75	75	76	76	83 *	85
W	ITROT		174 *	175	175	175	175	175	175
W	ITROT		175	175					
W	JACOBI		36 *	38	38	39	39		
W	LOADT		59 *	60	62				
W	MOMB		15 *	16	17				
W	MPCNTL		46 *	47	48	51 *	52	55	56
W	MPRTR		32	35	37	42	44	48	50
W	MPRTR		17 *	19	20	21	24	25	27
W	MPRTR		71	77 *	78	80	81	83	
W	MPRTR		52	52	56	61	63	67	69
W	NUMRTF		94						
W	NUMRTF		16 *	18	24	33 SA	49 SA	58 IO	93 SA
W	PRETVT		80	82	82				
W	PRETVT		70 *	71	71	79	79	79	80
W	RADBGN		59	59	60	60			
W	RADBGN		3 TY	49 *	50	52	53	54	58 *
W	RADIAL		3 TY	152 *	153	153	178 *	179	180
W	RADIAL		180	181	181	182	182	183	183
W	RADIAL		184	184					
W	REDBNS		6 IO	6 IO	6 *				
W	SHRINT		32 *	33	35				
W	SOLVE		25	25	30 *	31	31	31	
W	SOLVE		19	19	19	19	23	23	24 *
W	SOLVE		5 *	6	7	7	9	16	17
W	STAB		81 *	83	83	84	84		
W	STBINT		77 *	81	87				
W	STRINT		3 TY	24 *	28	34	50 *	54	60
W	SWAP		1	15 IO	41	45 SA			
W	TABINT		21 *	22	24	31			
W	TIMLOO		81 *	83					
W	WAG		31 *	32					
W	WRBMTV		22	23	26	27	28	31 IO	38
W	WRAMTV		5 *	7 SA	15	16	17	18	21
W	WRBMTV		39	46	47	59			
W	WRMODE		29 *	30	31 IO				
W	WRQSDP		3 IO	3 *	3 IO	3 *	3 IO	3 *	
WA	PTAOUT		10 TY						
WAN	MPCNTL		7 TY	8 EQ					
WAN	MPRTR		6 TY	7 EQ					
WAN	RESTHT		42 TY	48 EQ	55 IO	65 IO	109 IO	114 IO	136 IO
WAN	RFSTHT		137 IC						
WAN	TIMEJJ		24 TY	25 EQ	30 IO	36 IC			
WANFUS	TIMLOO		26 TY	27 TY	44				
WANHEV	AFTRIM	TOPLOT	31 CC	50 *					
WANHEV	WANU	TOPLOT	21 CC	52					
WANREV	ROTAN	TUPLOT	24 CC	47					
WANHEV	TIMLP	TUPLOT	17 CC	22 *	22				
WANHEV	WRMANU	TUPLOT	18 CC	41					
WANTYP	WANTYP		1						
WANTYP	WNEM		100 SN						
WANU			59 SA						
WANU	WANU		1						

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS					
MANUS	MANTYP		14 *	20 *	22			
MANI	MPCNTL	MANAL	3 CC	8 EQ				
MANI	MPHTR	MANAL	3 CC	7 EQ				
MANI	TIMEQQ	MANAL	10 CC	25 EQ				
MASPYL	INFRMP	PYLON	8 CC	15				
MASPYL	INRO	PYLON	12 CC	135 *	137 *	138 *	140 *	140
MASPYL	POPFOO	PYLON	12 CC	52				
MASPYL	SHAPYL	PYLON	12 CC	20				
MASS	AJACOB	STRIMA	25 CC	28 TY	65	66	67	
MASS	EXTORS	STRIMA	11 CC	14 TY	47 *	55	56	57
MASS	EXTURS	STRIMA	61 *	62				
MASS	FUSINT	STRIMA	83 *					
MASS	FUSINT	STRIMA	21 CC	24 TY	44 *	49	50	51
MASS	ITERIN	STRIMA	23 CC	26 TY	70	71	72	
MASS	MONORS	STRIMA	38	39				
MASS	MONORS	STRIMA	14 CC	17 TY	28	29	30	31
MASS	MNEM	STRIMA	25 CC	28 TY	137	137		
MASS	MODES	STRIMA	20 CC	23 TY	58	59	63	
MASS	SUPERP	STRIMA	8 CC	11 TY	67			
MATRIX	AJACOB		43 SN					
MATRIX	INRTM		33 SN					
MATRIX	JFBGIN		48 SN					
MATRIX	MATRIX		1					
MATRIX	MNEM		43 SN					
MATRIX	MTLT		16 SN	20 SN				
MATRIX	QJAN		83 SN					
MATRIX	SWSRAT		28 SN					
MATRIX	WREM		44 SN	45 SN				
MATRIX	WRUPTM		94 SN	95 SN				
MAXMCO	ERRCHK		18 *	19				
MAXNMS	GPSHFT		44 *	47				
MAXPTB	MANTYP	NORSET	8 CC	29 *	35 *	38 *	41 *	
MAXPTB	TIMEQQ	NORSET	11 CC	41	48	58 *	65 *	72
MAXPTB	TIMEQQ	NORSET	91	91	91			
MAXS	ALLMAT		129					
MAXS	ERRCHK		18	18				
MAXS	GPSHFT		44					
MAXS	ITERIN		36					
MAXS	LGCINT		35	36				
MAXS	RTINIT		50	68				
MAXS	WRTNSF		8					
MB	LOADT		90 *	92 SA	92 SA			
MBAL	FOCUS		36 SN					
MBAL	MBAL		1					
MBP	LOADT		94 *	95 SA	95 SA	96 SA	96 SA	97 SA
MBP	LOADT		98 SA	98 SA	99 SA	99 SA	123 IO	123 IO
MBP	LOADT		125					
MBP1	LOADT		124 *	126 IO				
MBP5	LOADT		132	133	133	140 SA	140 SA	141 SA
MBP5	LOADT		125 *	126 IO	129 SA	129 SA	130 SA	130 SA
MDUF	ITRIM	STRIAD	20 CC	37	38	42	43	
MDOF	LIZE	STRIAH	29 CO	103 *	104 *	105 *	106 *	107 *
MDOF	LIZE	STRIAD	109 *	110 *				
MDOF	TRIM	STRIAH	22 CO	81	82			
MONORS	MONORS		1					
MORORS	MODES		97 SN					
MEXT	ANAL	MANAL	12 CC	14 TY	109			
MEXT	XSTORE	MANAL	5 CO	7 TY	16 *	73 *	73	
MEXTJ	ANAL	MANAL	13 CO	14 TY	109			
MEXTJ	XSTORE	MANAL	6 CO	7 TY	22 *	29 *	29	
MFUS	ANAL	MANAL	9 CC	14 TY	109			
MFUS	FUSENM	MANAL	8 CO	13 TY	136 *	154 *	154	
MFUS	WREM	MANAL	5 CO	10 TY	23	23 IO	46	47 SA
MGUN	ANAL	MANAL	10 CO	14 TY	106			
MGUN	VGUNS	MANAL	3 CO	7 TY	26 *			
MINO	ALLMAT		144					
MINO	CMCALC		30					
MINO	ERRCHK		11					
MINO	ITERIN		40					
MINO	STBINT		13	26	52	79		
MINO	WRMS		13					
MINO	WRNMK		71	86				
MINO	WRSBK		17					
MJTGN	ANAL	MANAL	9 CC	14 TY	106 *	109		
MJTGN	WREM	MANAL	5 CO	10 TY	31 IO	71 SA		
MJTSN	EXTORS	MANAL	9 CO	10 TY	36 *	78 *		
MJTSN	LIZE	MANAL	15 CO	16 TY	165 *			
MJTSN	WREM	MANAL	9 CO	10 TY	36 IO	82 SA		
MJTSN	XSTORE	MANAL	6 CO	7 TY	29			
MLJET	ANAL	STARAN	16 CC	21 TY	93 *	106		

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
#LJET	JFRGIN	STARAN	14 CO	19 TY	56 *				
#LMG	ANAL	MANAL	9 CO	14 TY	109				
#LMG	WING	MANAL	5 CO	13 TY	134 *	141	157 *	157	
#LMG	WREM	MANAL	5 CO	10 TY	27 IO	61 SA			
#M	BOPFDD		21 *	24	28	36			
#M	HRESP		23 *	79	83	91			
#M	NOPS		29 *	30	31				
#M	REDBMS		1	*					
#M	WRMS		47 IO						
#M	#RMS		31 *	36 IO	36 IO	36 IO	41 IO	41 IO	47 IO
#MJ	NOPS		30 *	39	40	40			
#MN	BOPFDD		36 *	37					
#MN	HRESP		91 *	92					
#MP	IMFRMP		17 *	19	20	21	22	23	24
#MP	IMFRMP		50	51	51	54	57	57	57
#MP	IMFRMP		30	34	34	35	36	36	37
#MP	IMFRMP		37	38	38	39	42	46	46
#MP	IMFRMP		57						
#MP	IMFRMP		47	47	48	48	49	49	50
#MR	ANAL	MANAL	9 CO	14 TY	45 *	109			
#MR	WREM	MANAL	5 CO	10 TY	24 IO	51 SA			
#N	LOADT		60 *	62					
#N	#RMS		32 *	34					
#NEM	MNEM		1						
#NEM	START		84 SN						
#NI	ALLMAT		81	90 *	105	106			
#OD	WAG		20						
#OD	WR3MTV		11						
#OD	WR5MTV		35						
#ODAL	INRO		156 SN						
#ODAL	MODAL		1						
#ODLL	REDIO		6 TY	8 TY	13 NA	24 IO	34		
#ODES	CONSTR		28 SN						
#ODES	JSTRED		39 *	69 SA	98 *	102 SA			
#ODES	MODES		1						
#ODES	REDBMS		1	3	4 *	4	6 IO		
#ODFI	REDBMS		3 *	6 IO					
#ODL	REDIO		5 TY	11 TY	17				
#ODTP	MODAL		23 TY	58 *	72 *	77 IO	78 IO		
#ODTYP	MODAL		23 TY	24 TY	58	72			
#ODTYP	MPCNTL		52 *	53					
#ODTYP	MPRTR		20 *						
#OMH	MOMB		1						
#OMP	VARI		157 SN						
#ORES	FRQRES		10 *	12					
#P	BOPFDD		46 *	47	47	48	48		
#P	OPNIV		140 *	141	141	142	142		
#P	PPYLAC		22 *	23	23	24	24		
#P	IMFRMP		16 *	17	19	19	20	20	21
#P	IMFRMP		21	21	22	22	23	23	23
#P	IMFRMP		42	42	42	54	54	54	54
#P	IMFRMP		24	24	24	30	30	30	30
#P	INSTAB		197 *	198	199	205 *	206	207	
#P	ITRGT		149 *	151	151	151	152	152	152
#P	ITRGT		154	154					
#P	LOADT		64 *	65	65	91 *	92 SA	92 SA	92 SA
#P	MPCNTL		16 *	17	18	25 *	30		
#P	POPFDD		80	80	84	84	84	84	84
#P	POPFDD		20 *	22	22	22	22	23	23
#P	POPFDD		48	33 *	57	57	57	57	57
#P	POPFDD		43	43	43	43	46 *	47	47
#P	POPFDD		23	23	25	25	25	25	25
#P	POPFDD		71	71	71	74	74	78	78
#P	POPFDD		59	59	59	59	59	59	63
#P	POPFDD		36	86	86	86	86	86	88
#P	POPFDD		78	78	78	80	80	80	80
#P	POPFDD		63	63	63	65	65	65	65
#P	POPFDD		37	37	37	37	39 IO	39 IO	39 IO
#P	POPFDD		65	69	69	69	69	71	71
#P	POPFDD		39 IO	39 IO	39 *	42 *	43	43	43
#P	POPFDD		25	25	28 *	29	29	36 *	37
#P	POPFDD		88	88	88				
#P	PRETVT		40 *	41	41				
#P	PYLACC		22 *	23	23	24	24	25	25
#P	PYLACC		35 *	36	36	37	37	38	38
#P	PYLINT		19 *	20	21	22	23	24	25
#P	PYLINT		26	27	28	29	30	31	32
#P	PYLINT		33	33	34	34	34	35	35
#P	QUAN		52 *	53	53	54	54		
#P	SOLVE		21 *	23	23	23			

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
M3	STAB		101 *	103	103	104	104	105	105
M3	STAB		67 *	68	68	69	69	70	70
M3	TVTRIM		171 *	172	172	173	173	209 *	210
M3	TVTRIM		111 IO	111 *	151 *	152	152	153	153
M3	TVTRIM		210	211	211				
M3	ZERO		68 *	69	70	71	72	73	74
MP	ZERO		75	76	77	78	79	80	81
MPCNTL	MPCNTL		1						
MPCNTL	TIMEDO		33 SN						
MPERTB	AFTRIM	MANAL	15 CC	47	124				
MPERTB	DERIV	MANAL	12 CC	35					
MPERTB	MANTYP	MANAL	6 CC	15 *	19 *	22	27		
MPERTB	MANU	MANAL	11 CC	23	38				
MPERTB	START	MANAL	13 CC	57					
MPRTR	MPRTR		1						
MPRTR	TIMEDO		69 SN						
M32	INSTAB		161 *	166					
M33	INSTAB		162 *	167					
MJMR	ANAL	MANAL	9 CC	14 TY	40 *	109			
MJMR	MREM	MANAL	5 CC	10 TY	35 IO	91 SA			
MJMR	WROPTM	MANAL	10 CC	15 TY	96 SA				
MJTR	ANAL	MANAL	9 CC	14 TY	66 *	109			
MJTR	MREM	MANAL	5 CC	10 TY	43 IO	95 SA			
MJTR	WROPTM	MANAL	10 CC	15 TY	97 SA				
MRCP	AZMUTH	ANDUIT	4 CC	6 TY	76 *				
MRCP	RADIUS	ANDUIT	2 TY	4 CC	6 TY	68	70		
MRJLT	ANAL	STARAN	16 CC	21 TY	96 *	106			
MRJLT	JFBGIN	STARAN	14 CC	19 TY	59 *				
MRSP	AZMUTH	ANDUIT	4 CC	6 TY	77 *				
MRSP	RADIUS	ANDUIT	2 TY	4 CC	6 TY	69			
MRWG	ANAL	MANAL	9 CC	14 TY	109				
MRWG	WING	MANAL	6 CC	13 TY	141 *				
MRWG	WREM	MANAL	5 CC	10 TY	26 IO	59 SA			
MSAV	ALSTAB	ASTAB	2 CC	89 *					
MSAV	NUMRTF	ASTAB	2 CC	94 *					
MSAV	XRTASF	ASTAB	2 CC	9	10	11			
MSHKCT	SHKCTL	STARAN	16 CC	26	32				
MSHKCT	SHKINT	STARAN	16 CC	49 *					
MSURD	AZMINT		80 *	81	82	83			
MSURD	AZMUTH		107 *	109					
MSURD	BMSINT		53	57	57	58	59	60	60
MSURD	BMSINT		64	64	64	65	66	67	68
MSURD	BMSINT		61	61	62	62	63	63	63
MSURD	EMSINT		30 *	31	32	33	34	35	36
MSURD	GMSINT		47	48	48	49	49	51	52
MSURD	OMSINT		37	38	39	40	41	42	47
MSURD	YMSINT		69	70	71				
MSURD	INDLO		46 *	47	50	52	53	54	55
MSURD	INDLO		56	58	61				
MSURD	INIT		45 *	46	47	48			
MSURD	LOACT		105 *	106	106				
MSURD	MODAL		47	47					
MSURD	MODAL		36 *	37	37	39 *	41	45	45
MSURD	RADIUS		3 TY	50 *	52	53	54		
MSURD	RADIAL		183	184					
MSURD	RADIAL		3 TY	179 *	180	180	180	181	182
MSURD	SHKINT		33 *	34	35	35			
MSURD	TVTRIM		181 *	182	183				
MSURD	XRMODE		30 *	36 IO					
MSURD	WROPTM		67 *	68	69				
MSTB	STEPNM		35 TY	178 *	182	183			
MSTB	WING		30 TY	130 *	134	135			
MSTBZ	ANAL	MANAL	12 CC	14 TY	109				
MSTBZ	STBFNM	MANAL	16 CC	18 TY	40 *	185 *	185		
MSTZ	STHFNM	MANAL	16 CC	18 TY	142 *	185			
MSTZ	WREM	MANAL	8 CC	10 TY	29 IO	66 SA			
MS2	INSTAB		167 *	168					
MS3	INSTAB		164 *	169					
MTLT	MTLT		1						
MTLT	VARI		136 SN						
MTR	ANAL	MANAL	9 CC	14 TY	62 *	109			
MTR	WREM	MANAL	5 CC	10 TY	25 IO	55 SA			
MULT	ALLMAT		6 TY	42 *	43	47	49	55	180 *
MULT	ALLMAT		195 *	199	212				
MWD	MODES		2 TY	29 *	40 *	40	60		
MXATAB	SIZE	INSTAB	4 CC	62 *	82				
MXATAB	STROUT	INSTAB	6 CC	42	46	47			
MXATAB	START	INSTAB	6 CC	69	70				
MXMC	ARTERM	CORY	9 CC	69					
MXMC	PROFOD	CORY	7 CC	18	18	20			

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS					
#XBL	GPSHFT	FORY	3 CC	43	54	55		
#XBL	#PCNTL	FORY	2 CC	40	41			
#XBL	#PMTH	FORY	2 CC	25	35	50	61	69	81
#XBL	PRETVT	FORY	2 CC	68	68	72			
#XBL	QSSQPF	FORY	6 CC	22					
#XBL	QUAN	FORY	3 CC	57	67	67	69		
#XBL	SVINT	FORY	2 CC	5 *	9				
#XBL	TIMLP	FORY	2 CC	31					
#XBL	TVTRIM	FORY	7 CC	53	54	62	115	213	213
#XBL	TVTRIM	FORY	215						
#XBL	#XMANU	FORY	2 CC	52 IO	59 IO	66 IO	78 IO	85 IO	92 IO
#XBLBM	BOPFDD	FORY	7 CC	41					
#XBLBM	PRETVT	FORY	2 CC	40	81	92			
#XBLBM	QSSQPF	FORY	6 CC	26	27	39	40		
#XBLBM	QUAN	FORY	3 CC	60	61	72			
#XBLBM	SVINT	FORY	2 CC	9 *	14	15			
#XBLBM	TVTRIM	FORY	7 CC	220					
#XBMOD	LOADT	FORY	8 CC	93	94				
#XBMOD	SVINT	FORY	2 CC	6 *	9				
#XFILT	FLSINT		38 *	43	46				
#XFILT	TVTRIM		91 *	96					
#XXKTV	LIZE	STRIAB	29 CC	64 *					
#XPASS	ITERIN	STRIAB	23 CC	29 *					
#XPASS	ITRIM	STRIAB	20 CC	144	145				
#XPASS	LGCINT	STRIAB	24 CC	54 *	55 *				
#XPMDS	14PRMP	PYLON	8 CC	13					
#XPMDS	INSTAB	PYLON	10 CC	163	164	165	167		
#XPMDS	LIZE	PYLON	17 CC	63 *	65				
#XPMDS	STAB	PYLON	8 CC	67	101				
#XPMDS	#PERT	PYLON	4 CC	24					
#XPMDS	#STAB	PYLON	38	39					
#XPMDS	#STAB	PYLON	4 CC	30	32	35 IO	35 IO	36	37
#XPMD2	#PCNTL		20 *	28	30				
#XPMD4	#PCNTL		15 *	16					
#XPMOD	BOPFDD	FORY	7 CC	44	45				
#XPMOD	DERIV	FORY	6 CC	138	139				
#XPMOD	ENVCHK	FORY	2 CC	23	23	24	24		
#XPMOD	INIT	FORY	3 CC	54	55	59			
#XPMOD	INSTAB	FORY	5 CC	161	162	169			
#XPMOD	LOADT	FORY	4 CC	94					
#XPMOD	#PCNTL	FORY	2 CC	15	20	22			
#XPMOD	PRETVT	FORY	2 CC	39					
#XPMOD	QUAN	FORY	3 CC	50	51				
#XPMOD	SVINT	FORY	2 CC	7 *	16	17			
#XPMOD	TVTRIM	FORY	7 CC	111 IO	149	150	169	170	237
#XPMOD	TVTRIM	FORY	208						
#XPMOD	ZERO	FORY	3 CC	68					
#XSCAS	SVINT	FORY	2 CC	4 *	18	19	20		
#XSTBD	INSTAB	STBD	19 CC	95	151				
#XSTBD	LOMAT	STBD	2 CC	11	22	32 IO	34	38 IO	45
#XSTBD	LOMAT	STBD	56	66 IO	68	72 IO	79	90	100 IO
#XSTBD	LOMAT	STBD	102	106 IO					
#XSTBD	LIZE	STBD	27 CC	65 *	66	67			
#XSTBD	MODRAS	STBD	9 CC	20	24	76	80	134	
#XSTBD	MODES	STBD	119	121	122				
#XSTBD	MODES	STBD	15 CC	44	45	89	93	107	118
#XSTBD	STAB	STBD	15 CC	45	154				
#XSTBD	#RMS	STBD	2 CC	16					
#XSTBD	#STAB	STBD	2 CC	11	21	41			
#XSTBD	ALSTAB	STBD	9 CC	34					
#XSTBD	INSTAB	STBD	19 CC	176					
#XSTBM	LIZE	STBD	27 CC	66 *					
#XSTBM	STAB	STBD	15 CC	33	44	177			
#XSTBM	#RMS	STBD	2 CC	43					
#XSTBS	FMODES	STBD	3 CC	15					
#XSTB2	LIZE	STBD	27 CC	67 *					
#XSTB2	#RMS	STBD	2 CC	13					
#XSTM1	MODES		45 *	47	138	139			
#XSTP1	MODES		44 *	46	53				
#XTD	EXTLOS	#ANAL	9 CC	10 TY	69 *				
#XTH	#REM	#ANAL	9 CC	10 TY	34 IO	77 SA			
#XTH	XSTORE	#ANAL	6 CC	7 TY	70 *	73			
#1	GPSHFT		41 *	50 *	53	51			
#1	SUPLMP		35	46 *	47	58 *	59		
#1	SUPERP		17 *	19	20	20	22 *	23	34 *
#1	#RINGF		9 *	15 IO					
#2	GPSHFT		51 *	52					
#2	#RINGF		10 *	15 IO					
#3	#RINGF		11 *	15 IO					
#7	TSMPIT		21 *	22	23	24	25	26	27

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
AM	WRFLAG1		24 •	25	27				
A			1	4	8	9	10	11	
A			42						
A	AFTHIM		67 •	68	69	70	71	74	74
A	AFTHIM		78	79	79	80	80	100 •	101
A	AFTHIM		75	75	76	76	77	77	78
A	AFTHIM		101	102					
A	ALLMAT		48	53	54	59	61	64	67
A	ALLMAT		227	229	235				
A	ALLMAT		47	49	92	107 •	107	110	131
A	ALLMAT		11 •	15	21	30	35	41	45
A	ALLMAT		184	197	232	215	215	217	221
A	ALLMAT		144	162 •	163	164	165	169	173
A	ALLMAT		73	75	78	82 •	82	85	86
A	AUXJCT		16 •	19	18	19	20	24	24
A	AZMINI		1	27	27	30	31	35	36
A	AZMINT		55	55	60	60	61	61	63
A	AZMINT		63	63	64	79	79	80	81
A	AZMINT		50						
A	AZMINT		52	52	52	53	53	53	55
A	AZMINT		38	38	38	39	39	39	41
A	AZMINT		82	83	87	89	89	89	89
A	AZMINT		45	49	51	51	51	51	52
A	AZMOJT		1	22	33 TO	35			
A	AZMUTH		121 TO	121 TO	121 TO	121 TO	121 TO	122 TO	124
A	AZMUTH		112	112	112	113	117	120	120
A	AZMUTH		56	56	56	56	59	59	59
A	AZMUTH		59	64	65	71	72	73	74 SA
A	AZMUTH		147	154					
A	AZMUTH		105	105	135	107	111	111	112
A	AZMUTH		100	100	100	100	101	102	105
A	AZMUTH		96	96	96	97	97	97	98
A	AZMUTH		1	3 TY	34	34	35	35	36
A	AZMUTH		133	133	133	133	133	135	135
A	AZMUTH		75	75 SA	78	78 SA	79 SA	80 SA	85
A	AZMUTH		125	126	127	128	129	129	130
A	AZMUTH		39	44	48	51	51	52	52
A	AZMUTH		135	135	135	136	139	145	146
A	AZMUTH		85	85	85	92	92	93	93
A	AZMUTH		131	131	131	131	131	132	133
A	AZMUTH		51	53	54	56	56	56	56
A	BDPEJO		40	41	44	47	48		
A	BDPEJO		1	18	21	24	36	39	39
A	BLMINT		28	29	29	30	30	34	35
A	BLMINT		47	48	49	50	50	51	51
A	BLMINT		57	57	57	58	58	58	65
A	BLMINT		53	54	54	55	55	56	56
A	BLMINT		1	23	24	24 SA	26	26	27
A	BLMINT		65	65	66	66	66	67	67
A	BLMINT		68	71	71	71	72	72	72
A	BLMINT		36	37	38	40	41	42	47
A	BMSINT		35	36	37	38	39	40	41
A	BMSINT		1	28	30	31	32	33	34
A	BMSINT		42	51	52	53	58	59	60
A	BMSINT		61	62	63	64	65	66	67
A	BMSINT		68	69	70	71			
A	BUNDER		1	23	23	26	26	27	27
A	BUNDER		27	29	29	30	30	30	
A	BUTFLT		66	67	68	69	70		
A	BUTFLT		52	55	55	56	64	64	65
A	BUTFLT		1	9	18	19	50	50	51
V	CDCL		1	3 TY	36 TO				
A	CHDINT		27	28	28	29	29	30	30
A	CHDINT		1	23	23	26	26	27	27
A	CHDINT		33	31	31	31	32	34 TO	36
A	CHDINT		36						
A	CLCD		231	231					
A	CLCO		83	83	86	86	86	194	231
A	CLCD		63	64	65	66	67	68	69
A	CLCD		70	71	72	73	78	82	83
A	CLCD		1	25	26	40	42	43	44
A	CLCD		44	44	44	47	48	49	57
A	DERIV		165	165	165	166	166	166	166
A	DERIV		167	168 SA	171 SA				
A	DERIV		121	121	122	122	123	123	124
A	DERIV		134	134	137 SA	138	141	142	145 SA
A	DERIV		157	159	159	159	159	159	159
A	DERIV		115 •	116	117	118	119	120	120
A	DERIV		124	125	125	127	132	133	133
A	DERIV		159	159	159	159	159	161	165

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
A	DERIV		146 SA	147	148	149	154	155	157
A	FILTER		45	45	45	46	46	47	51
A	FILTER		43	43	43	45	45	45	45
A	FILTER		29	29	30	34	35	36	38
A	FILTER		18	19	21	21	21	21	22
A	FILTER		38	38	38	38	38	39	42
A	FILTER		25	26	28	29	29	29	29
A	FILTER		51	52	53				
A	FILTER		1	11	12	12	13	14	17
A	FLPSTP		12 *	13	16				
A	FLRINT		12 *	13	13	14	16	17 SA	17 SA
A	FLRINT		39 *	40	44 SA	44 SA	45 SA	45 SA	46 SA
A	FLRINT		46 SA						
A	FOCUS		1	23 SA	24	24	24	24	25
A	FOCUS		34	34	34	34	35	36 SA	39
A	FOCUS		48	49	49 SA	50	50 SA	54	
A	FOCUS		40 SA	43	44	45	45	46	47
A	FOCUS		31	33	33	33	33	33	34
A	FOCUS		25	25	25	26	27	28	29
A	FOCUS		29	29	30	30	30	31	31
A	HRESP		32	32	39	52	53	58	65
A	HRESP		104	104	105	105	111	112	116
A	HRESP		118	119	119				
A	HRESP		68	69	70	70	71	71	74
A	HRESP		74	75	75	79	91	96	97
A	HRESP		1	23	24	26	27	31	32
A	INFRMP		19	20	20	21	21	21	21
A	INFRMP		23	24	24	24	24	24	26
A	INFRMP		42	42	42	42	42	58	58
A	INFRMP		21	22	22	23	23	23	23
A	INFRMP		11 *	12	12	13	14	15	19
A	INFRMP		54	54	54	54	54		
A	INFRMP		30	30	30	30	30	30	30
A	INBLD		32	32	34	34	35 IO	39	39
A	INBLD		54	54	55	55	56	56	61
A	INBLD		26	26	27	27	27	28	28
A	INBLD		40	40	40	43	44	45	54
A	INBLD		1	23	21	22	22	23	23
A	INBMSS		46	46	53 IO	56	57	58	60
A	INBMSS		27	28	28	32	39	44	44
A	INBMSS		62	63	64				
A	INBMSS		1	22	22	24 IO	26	26	27
A	INIT		37	38	39	40	41	42	44
A	INIT		50	50	53	54	59	64	
A	INIT		24 *	25	26	27	28	29	30
A	INIT		45	46	46	47	47	48	48
A	INIT		32	32	34	35	35	36	36
A	INRO		113	113	114	114	114	115	115
A	INRO		88	89	89	90	90	91	91
A	INRO		107	107	107	108	108	108	109
A	INRO		59	62	62	63	63	64	64
A	INRO		48	51	53	53	56	59	59
A	INRO		165	166	166	166	166	166	168 SA
A	INRO		141 SA	142	143 SA	144	145	146 IO	150
A	INRO		65	65	66	66	67	68	73
A	INRO		92	92	93	93	94	94	95
A	INRO		1	31	31	32	33	34	34
A	INRO		153	155	155	156 SA	157	158 IO	158 IO
A	INRO		137	138	138	140	140	140	141
A	INRO		132	133	133	133	134 SA	135	136
A	INRO		41	42	43	44	45 SA	46	48
A	INRO		121	142	122	122	123	123	124
A	INRO		116	117	120	120	120	120	121
A	INRO		109	110	110	111	111	112	112
A	INRO		101	102	102	102	103	103	103
A	INRO		70	71	72	72	73	73	74
A	INRO		78	79	79	79	80	80	81
A	INRO		130	130	130	131	131	131	132
A	INRO		35	35	36	37	38	40	40
A	INRO		128	128	128	128	128	128	128
A	INRO		81	82	82	83	83	84	84
A	INRO		96	96	97	99	99	100	100
A	INRO		124	125 SA	126	126	126	127	128
A	INRO		162	163	164	165	165	165	165
A	INRO		104	104	104	105	105	106	106
A	INRO		85	85	86	86	87	87	88
A	INRO		75	75	76	76	77	77	78
A	INRTH		57	58	61	61	62	62	
A	INRTH		1	24	25	29	32	32	32
A	INRTH		33 SA	33 SA	33 SA	34	35	36	37

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
N	INRTH		49	50	50	53	53	53	56
N	INRTH		38	40	41	43	45	45	48
N	INSTAB		56 *	57	57	58	78 *	79	80
N	INSTAB		82	82	83	83	85	86	130 *
N	INSTAB		133	133	134	134	139 *	140	140
N	INSTAB		141	141	142	142			
N	INTFRQ		22	22	22	24	24	25	25
N	INTFRQ		25						
N	INTFRQ		1	3 TV	21	21	21	21	22
N	INVERS		1	8	9	11	12	21	26
N	INVERS		37	39	41	44	48	54	60
N	ITERIN		100 *	101	102	102			
N	ITRIM		72 *	75	75	76	76	82 *	85
N	ITRIM		85	86	86				
N	ITROT		54	54	55	56	57	58	58
N	ITROT		160	161	161	162	162	163	163
N	ITROT		164	169	170	173	173	175	175
N	ITROT		137	137	138	139	140	141	142
N	ITROT		163	163	163	164	164	184	184
N	ITROT		183	183	183	184	188	188 SA	190
N	ITROT		85	85	87	90	90	97	100
N	ITROT		144	145	146	151	151	151	151
N	ITROT		74	74	75	75	75	76	78
N	ITROT		129 SA	131 SA	131 SA	131 SA	134 SA	134 SA	134 SA
N	ITROT		100	118	118	119	119	120 SA	122
N	ITROT		175	178	182	182	182	182	183
N	ITROT		152	154	154	157 SA	158 SA	159	160
N	ITROT		151	151	152	152	152	152	152
N	ITROT		68	70	70	72	72	72	74
N	ITROT		43	45	46	47	48	54	54
N	ITROT		122	123	123	124	124	125	125
N	ITROT		175	175	175	175	175	175	175
N	ITROT		1	37	38	39	40	43	43
N	ITROT		79	82	83	84	84	84	85
N	ITROT		126	126	127	127	128	129 SA	129 SA
N	ITROT		59	59	60	60	60	61 SA	64
N	JACOBI		35 *	38	38	39	39		
N	LUADT		69	70	71	72	73	75	86
N	LUADT		52	54	56	63	65	67	68
N	LUADT		87	88	105	114	118	119	120
N	LUADT		36 *	37	38	40	41	42	52
N	LUADT		121	123 IO	126 IO	127	137 IO	142 SA	143 SA
N	MANU		61						
N	MBAL		1	18	22 SA	24	24	30	30
N	MBAL		35	36	38 SA	42	43	44 SA	47
N	MJAL		46	64 IO	65 IO	65 IO			
N	MNEM		91 *	92	105 *	106	108	109	113
N	MNEM		120	121					
N	MODAL		64	64	64	64	75	78	79
N	MODAL		79 IO	79 IO	79 IO	79 IO	79 IO	79 IO	79 IO
N	MODAL		49	50	50	51	52	53	54
N	MODAL		82	82	83	83	84	84	
N	MODAL		1	25	26	26	27	30	30
N	MODAL		37	39	43	47	48	48	48
N	MODAL		55	55	56	62	62	62	64
N	MODAL		79 IO	79 IO	79 IO	79 IO	79 IO	81	81
N	MODAL		32	34	38 SA	35	36	37	37
N	MOMB		14 *	18	22 *	22			
N	MPCNTL		32						
N	MPCNTL		40	40	41	41	43	43	50
N	MPCNTL		21 *	22	23	30	36 *	37	39
N	MPRTH		35 *	43	44	44	47	48	48
N	MPRTH		10 *	11	15	16	19	20	25
N	MPRTR		50	61	69	80	81		
N	POPFOD		84	84	84	84	84	86	86
N	POPFOD		1	22	22	22	22	22	22
N	POPFOD		23	25	25	25	25	25	25
N	POPFOD		22	23	23	23	23	23	23
N	POPFOD		78	78	78	78	78	78	78
N	POPFOD		69	69	69	71	71	71	74
N	POPFOD		39 IO	39 IO	39 IO	39 IO	43	43	43
N	POPFOD		86	86	93	96 SA			
N	POPFOD		80	80	80	80	80	84	84
N	POPFOD		78	78	78	78	80	80	83
N	POPFOD		57	57	57	57	57	57	59
N	POPFOD		65	65	65	65	65	69	69
N	POPFOD		29	33	35	37	37	37	37
N	POPFOD		43	43	47	48	52	54	57
N	POPFOD		63	63	63	63	63	65	65
N	POPFOD		59	59	59	63	63	63	63

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TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
A	POZEND		4						
A	PRETVT		79	79	80	80	80	82	82
A	PRETVT		52	52	53	53	54	62	62
A	PRETVT		36 *	37	38	39	41	45	45
A	PRETVT		46	47	48	50	50	51	51
A	PRETVT		84	85	85	86	86	88	88
A	PRETVT		69	69	71	71	76	76	76
A	PRETVT		64	66	66	66	67	67	67
A	PRETVT		89						
A	PYLACC		1	19	20	21	23	23	23
A	PYLACC		25	25	29	29	29	29	29
A	PYLACC		30	30	32	33	34	36	36
A	PYLACC		23	24	24	24	24	25	25
A	PYLACC		38	38	38				
A	PYLACC		36	36	37	37	37	37	37
A	PYLACC		29	29	30	30	30	30	30
A	PYLINT		1	18	21	21	22	22	23
A	PYLINT		30	31	31	32	32	33	33
A	PYLINT		23	24	24	25	25	26	26
A	PYLINT		27	27	28	24	24	29	30
A	PYLINT		34	34	34	35	35	35	35
A	QSHDPF		1	20	20	21	21	22	23
A	QSHDPF		24						
A	QUAN		45 *	46	46	46	47	47	50
A	QUAN		61	62	64	65	66	67	72
A	QUAN		53	54	56	57	58	59	60
A	QUAN		73	77	77	78	74		
A	RADBGN		67 SA	68	69	71	73	73	74
A	RADBGN		1	1 TY	24	24 SA	30	33	33
A	RADBGN		34	34	36	50	52	53	54
A	RADBGN		59	59	60	63	64	65	66
A	RADBGN		74						
A	RADIAL		171	171	171	172	174	172	174
A	RADIAL		95	90 SA	92	95 SA	99	100	108 SA
A	RADIAL		186 SA						
A	RADIAL		133	137	140	147	153	153	157
A	RADIAL		1	1 TY	38	42	43 SA	57	61
A	RADIAL		114	114	122 SA	126	131	132	132
A	RADIAL		64	67	74	77 SA	83	83	84
A	RADIAL		157	159	158	160	160	161	170
A	RADIAL		174	174	174	175	176	177	179
A	RADOUT		54	54	55	55	56	57	58
A	RADOUT		1	43	44	45	46	47	49
A	RADOUT		65						
A	RADOUT		58	59	60	61	62	63	64
A	RADOUT		49	50	51	52	52	53	53
A	REDRWK		20 *	21	23 IO	23 IO	23 IO	23 IO	23 IO
A	REDRWK		45	45 IO	46	46	47	47	48 IO
A	REDRWK		24	24	25	25	26	27	24
A	REDRWK		29	29	34	39	34	43 IO	44 IO
A	REDRWK		24						
A	RESTRT		83 *	83 *	86	87 *	112 *	115	
A	RGUST		1	31	43 SA	46			
A	RGTAN		1	29	30	31	32	33	36
A	RGTAN		37	38	39	40	42	45	49
A	RGTAN		66	68	69	71	71 SA	72	72 SA
A	RGTAN		74	75	77	79	79	83	
A	RGTAN		53	54	54	55	55	56	56
A	RGTAN		57	57	58	58	59	59	61
A	RTWAKE		1	1 TY	13	14	18	18	20
A	RTWAKE		41	41	43	43	45	45	47
A	RTWAKE		29	33	34	34	36	36	37
A	RTWAKE		20	21	25	25	27	27	29
A	RVHGST		1	20	21				
A	SHKCTL		1	32	24	24	26	27	24
A	SHKCTL		28	32	34	34	35	35	36
A	SHKCTL		38	38	39	39	43	45	45
A	SHKCTL		46	49	51	55	55	56	54
A	SHKINT		44	45	45	46	47	48	49
A	SHKINT		1	19	18	19	19	20	21
A	SHKINT		26	28	29	29	29	29	31
A	SHKINT		33	34	34	35	40	43	44
A	SHKINT		21	22	22	22	23	24	25
A	SHKINT		49	51					
A	SHRPYL		1	20	21	23	24	24	25
A	SHRPYL		26	33	33	33	33	33	34
A	SHRPYL		35	37	37	38	38	39	39
A	SIVAN		105 *	110	112	113	113	116 *	121
A	STAN		84	92 *	93	93	94	94	95
A	STAR		84 *	85	86	88	88	89	89

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TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
N	STAB		104	105	105	107 SA	178 *	179	179
N	STAB		96	99 *	100	102	103	103	104
N	STAB		70	73	72 SA	83 *	83	83	84
N	STAB		180	180	181	181			
N	STBWAK		13 *	14	15	21	31	39	39
N	STBWAK		55						
N	STBWAK		47	50	50	50	51	53	55
N	STBWAK		39	42	42	42	43	47	47
N	SWSKAT		78						
N	SWSKAT		65	67	68	69	70	70	71
N	SWSKAT		38	38	38	39	39	39	39
N	SWSKAT		1	24	25	25	26	27	27
N	SWSKAT		49	49	50	50	50	51	51
N	SWSKAT		68 SA	34	37	37	37	37	44
N	SWSKAT		51	52	52	52	56	56	57
N	SWSKAT		42	42	43	43	43	44	44
N	SWSKAT		58	58	59	60	60	61	64
N	SWSKAT		40	40	40	41	41	41	42
N	SWSKAT		46	46	47	48	48	48	49
N	TIMEUD		75 *	76	80				
N	TIMLP		25 *	26	27	28	29	30	31
N	TIMLP		78	78	79	79			
N	TIMLP		50	51	52	54	55	55	77 *
N	TIMLP		40	42	43	44	45	46	46
N	TIMLP		32	33	34	36	37	39	40
N	TRIM		52 *	53	53	54	55	55	56
N	TRIM		27	85 *	86	86	87	87	88
N	TRIM		98	102 *	103	104	104	105	105 SA
N	TRAINT		28 *	29	30	31	34	34	35
N	TRMINT		35	36	36	37	37		
N	TVTRIM		1	44	45	46	48	51	57
N	TVTRIM		131	131	132	132	133	133	134
N	TVTRIM		116	119	125	125	126	126	127
N	TVTRIM		138	138	139	139	140	140	141
N	TVTRIM		105	108	108	109	109	110	111 10
N	TVTRIM		164	165	166	169	172	173	178
N	TVTRIM		260	260	260	261	261	261	262
N	TVTRIM		85	86	88	89 SA	89 SA	92	93
N	TVTRIM		256	258	258	258	259	259	259
N	TVTRIM		145	146	149	152	153	160	162
N	TVTRIM		134	135	135	136	136	137	137
N	TVTRIM		179	180	181	188	198	199	204
N	TVTRIM		66	67	67	76	78	79	85
N	TVTRIM		97 SA	97 SA	98 SA	98 SA	98 SA	99 SA	104
N	TVTRIM		225	225	227	228	229	230 SA	236
N	TVTRIM		237	253	243	243	249	250	255
N	TVTRIM		264	265	265	265	266	266	266
N	TVTRIM		262	262	263	263	263	264	264
N	TVTRIM		219	219	220	224	224	224	225
N	TVTRIM		61	61	62	62	62	64	65
N	TVTRIM		127	128	128	129	129	130	130
N	TVTRIM		111 10	111 10	115	116	116	117	117
N	TVTRIM		204	204	206	206	207	210	211
N	UNSDER		44	48	50	50	51	51	52
N	UNSDER		1	32	35	38	38	39	39
N	UNSDER		52	52					
N	UNSDER		39	41	41	42	42	42	43
N	UNSTED		105	105	106	106	106	106	122
N	UNSTED		99 SA	84	85	87	87	130	132
N	UNSTED		102	102	132	102	102	103	103
N	UNSTED		128	129	129	129	130	130	131
N	UNSTED		1	3 TY	26	57	58	59	63
N	VARI		150 *	151	151				
N	VIND		41	41	41	41	47	48 10	48 10
N	VIND		20	20	20	20	20	20	22
N	VIND		36	37	37	37	37	38	39
N	VIND		22	25	26	34	35	36	36
N	VIND		1	17	18	18	18	19	20
N	VTEEA		12	13	13				
N	VTEEA		8 *	9	10	10	11	11	12
N	WAU		1	9					
N	WRHMTV		1	31 10	48 10				
N	WRMODE		22 10	22 10	23	24 10	24 10	25 10	27
N	WRMODE		30						
N	WRMODE		1	20	22 10	22 10	22 10	22 10	22 10
N	WRUPTM		51	52	56	59	61	61	64
N	WRUPTM		67	68	71	72	73	75	75
N	WRUPTM		96	97	104	105	106	107	108
N	WRUPTM		77	78	80	80	80	80	81
N	WRUPTM		84	85	86	88	90	91	91

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
A	&RCPTM		117	120	121	126	126	128 IO	130
A	&RCPTM		109	113	113	111	111	112	117
A	&RCPTM		132	136	137 IO	137 IO			
A	&RCPTM		1	43	44	46	47	48	50
A	&RGSD*		1	3 IO	3 IO	3 IO			
A	&RHBK		31	32	39	39	44	44	45
A	&RHBK		71	75	76 IO	76 IO	92	92	92
A	&RHBK		121	121	126	126	126		
A	&RHBK		68	69 IO	73 IO	70 IO	70 IO	70 IO	71
A	&RHBK		46 IO	60	61	64	65	66	66
A	&RHBK		93	94	95	96	96	101	124
A	&RHBK		23 *	24	25	25	26	29	29
A	&RSMTV		1	4 IO	11	26			
A	&STAR		31 *	32	34 IO				
A	&VP		1	18	36				
A	CCUNIN		61 *	62	63	64	65		
A	YRINIT		37 *	38	38	39	39	40	40
A	YRINIT		54	55	57	58 IO	60	61	62 IO
A	YRINIT		51	51	52	52	53	53	54
A	YRINIT		41	41	42	42	43	43	44
A	YRINIT		68	68					
A	YRINIT		47	48	48	49	49	50	50
A	YRINIT		64	65	66 IO	68	69	68	68
A	YRINIT		44	44	45	45	46	46	47
A	ZERO		56	57	58	59	60	61	62
A	ZERO		35	36	37	38	39	40	41
A	ZERO		28 *	29	30	31	32	33	34
A	ZERO		79	80	81	85	89	90	93
A	ZERO		49	50	51	52	53	54	55
A	ZERO		113	114					
A	ZERO		72	73	74	75	76	77	78
A	ZERO		103	105	106	137	108	109	112
A	ZERO		42	43	44	45	46	47	48
A	ZERO		64	65	66	67	69	70	71
N	ZERO		94	97	98	99	100	101	102
AA			1	3					
AA	&KTAIN		1	18					
AAZ	&RBMTV		8 *	11	11	14	23	28	
AAZ	&RSMTV		32 *	35	35	38	47	52	
AB			1	9					
AH	ANAL	1ANAL	10 CC	35	52				
AH	AZMUTH	4ANAL	13 CC	154					
AB	BERIV	4ANAL	9 CC	116					
AB	BUSFNM	4ANAL	9 CC	140	141				
AH	GRPSHP	4ANAL	10 CC	34	46				
AB	MAESR	4ANAL	7 CC	65					
AH	IMFNME	4ANAL	3 CC	12					
AI	INPC	4ANAL	7 CC	40 *	41	138			
AH	INSTAR	4ANAL	5 CC	140	187				
AH	LEADI	4ANAL	11 CC	37					
AH	MNFY	4ANAL	8 CC	54	55	67	76		
AB	MPCNTL	4ANAL	5 CC	37					
AB	MPRTM	4ANAL	3 CC	11					
AB	NOMS	4ANAL	3 CC	27	38				
AB	OBJIVT	4ANAL	8 CC	62					
AI	SAVTHS	4ANAL	1 CC	14 IO					
AB	SHAIVT	4ANAL	7 CC	22	26				
AB	START	4ANAL	10 CC	49					
AB	TIMCOD	4ANAL	10 CC	76					
AB	TRIM	4ANAL	9 CC	103					
AH	&KTAIN		1	20	21				
AI	&RFM	4ANAL	5 CC	24	25	39	40	50	54
AI	&RFM	4ANAL	90	94					
AI	BEARNG	4ANAL	5 CC	43	69				
AIEJEM	ELEVAT	4ANAL	9 CC	28 *	30 *	33 SA	34 SA		
AIN	ORIGIN		35 *	73	85	92			
AIN	MPCNTL		37 *	38	45	50	54		
AIN	MPRTM		11 *	14	23	33	34	41	54
AIN	MRETV		68	76					
AIN	TIMCOD		76 *	79	82				
AIS	[illegible]	4ANAL	7 CC	45	61				
AIS	[illegible]	4ANAL	10 CC	67 SA	132 SA				
AIS	[illegible]	4ANAL	10 CC	31 *	32 *	33 *	34 *		
AIS	LEADI	4ANAL	14 CC	38					
AIS	[illegible]	4ANAL	11 CC	38	39				
AIS	[illegible]	4ANAL	15 CC	29					
AIS	[illegible]	4ANAL	9 CC	35	42	50	74		
AIS	SAVTHS	4ANAL	6 CC	14 IO					
AIS	SHAIVT	4ANAL	10 CC	23					
AIS	[illegible]	4ANAL	9 CC	44	74				

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
NBS	ARCPTM	MANAL	14 CC	56	130				
NBS	BRKBK	MANAL	11 CC	24	25	32	45	92	95
NBSG	AZMINT	MANAL	13 CC	87					
NBSG	AZMUTH	MANAL	130						
NBSG	AZMUTH	MANAL	3 TY	16 CO	91	108	111	127	128
NBSG	BLKINT	MANAL	10 CC	21	26	29	30	32	
NBSG	BMSINT	MANAL	10 CC	43					
NBSG	CNDINT	MANAL	9 CC	22	23	23	24	30	
NBSG	INBLD	MANAL	34	37					
NBSG	INBLD	MANAL	9 CC	19	23	24	25	28	32
NBSG	INBMSS	MANAL	9 CC	29	30	37	59		
NBSG	INBU	MANAL	10 CC	57	58	69	70	70	
NBSG	INBTR	MANAL	10 CC	26	28				
NBSG	LOADT	MANAL	14 CC	38 *	39	58	106	118	119
NBSG	LOADT	MANAL	120	121					
NBSG	MODAL	MANAL	61						
NBSG	MODAL	MANAL	10 CC	29	37	37	37	47	47
NBSG	RADIAL	MANAL	13 CC	39	40	186 SA			
NBSG	RECBMS		1	5					
NBSG	ROTAN	MANAL	15 CC	29 *					
NBSG	RTINIT	MANAL	9 CC	35 *	42 *	56 *	57	58	74 *
NBSG	RTINIT	MANAL	75	76					
NBSG	SRMODL	MANAL	10 CC	21	22 10				
NBSG	SRUPTM	MANAL	14 CC	56 *	58	60	130 *	131	134
NBSG	SRWBK	MANAL	11 CC	32 *	33	53	108		
NBSG1	INBMSS		31 *	32	33				
NBSG1	INBMSS		38 *	39	40				
NBSG1	BLKINT		21 *	33					
NBSG1	BMSINT		43 *	45	46				
NBSG1	CNDINT		22 *	25	36				
NBSG1	INBLD		19 *	38	43	57			
NBSG1	INBMSS		29 *	31	38				
NBSG1	INBU		57 *	59					
NBSG1	LOADT		39 *	61	106	142 SA	143 SA		
NBSG1	SRGNTV		1	6	34	35	42	43	50
NBSG1	SRGNTV		51						
NBSG1	SRMANU		89						
NBSG1	SRMANU		48 *	49	56	63	74 *	75	82
NBSG1	SRMODE		21 *	26	33				
NBSG1	SRUPTM		131 *	132	135				
NBSG1	SRSMTV		1	5	9	22	24		
NBSG20	LOADT		58 *	62					
NBSG20	RADIAL		39 *	136					
NCAL	GPSHFT		45 *	49	57	57			
NCAL	GPSHFT		46 *	52	58	58			
NDX	SMRINT		26 *	27					
NCAL	ALLMAT		1	86 *	161 *				
NCAL	ALSTAB		74 SA	77 SA	82 SA				
NCAL	NUMRTF		1	46 SA	50 SA	52	62		
NCAL	PHSMAG		1	18					
NCON	ALSTAB		84 *	85					
NCPLX	AUTFLT	FLTHCM	2 CC	19 *	64 *	64	65		
NCPLX	FILTER	FLTHCM	2 CO	25	26	42	43		
NCPLXN	AUTFLT		55 *	66	67	68	69	70	
NCPLXN	FILTER		26 *	27	43 *	44			
NCTR	ALSTAB		80 *	82 SA	83	84			
NCTR	FRQRES		1	8	12	13	13	14	14
NCTR	FRQRES		31	31	32	32	32		
NCTR	FRQRES		16	17	18	19	19	20	20
NCTR	FRQRES		25	25	26	26	29	29	29
NCTR	NUMRTF		77	82	83	87	88	91	92
NCTR	NUMRTF		1	14 *	19 *	19	70	72	76
NCTR	NUMRTF		92	93 SA	94	95	96	98 *	
NDA	ALSTAB		24 *	50	51	53	61 SA	64	65
NDA	ALSTAB		66	67	72	81 *			
NDA	NUMRTF		33 SA	36	37	38	39	44	49 SA
NDA	NUMRTF		15 *	20	21	24	25	27	28
NDA	SWAP		29	32	37	38	41	42	44
NDA	SWAP		1	9	10	18	19	22	28
NDA	SWAP		45 SA	46	47	48	49	50	55
NDATE		TOPLOT	1 CO	27 SA					
NDATE	PUNCH	TOPLOT	14 CC	17 10	39 10	49 10	75 10	77 10	
NDATE	SRCMMT	TOPLOT	2 CO	3 10					
NDEX	INVERS		3 TY	19 *	51	52			
NDF	ALSTAB	STBD	9 CO	24	25	26	27	32	37
NDF	ALSTAB	STBD	81						
NDF	MODES	STBD	15 CO	118 *	119	120			
NDF	NUMRTF	STBD	3 CO	15					
NDF	PHSMAG	STBD	3 CO	60	65	68	72		
NDF	PUNCH	STBD	3 CO	16 EQ	59	61	77		

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS					
NDFT	ALSTAB		53 *	54	55	74 SA		
NDFT	NUMNTF		28 *	29	33	46 SA	50 SA	
NDFT	SWAP		46 *					
NDFT	MODES		120 *	121				
NDIAG	INSTAB	STRIAN	21 CC	66	69			
NDIAG	LGCINT	STRIAN	24 CC	77 *				
NDIAG	STAB	STRIAN	17 CC	87				
NEQ1	INIT	STAMAN	13 CC	24				
NEQ1	TIMLP	STAMAN	11 CC	70 *				
NEQ1	TVTRIM	STAMAN	20 CC	44 *				
NEQ2	INIT	STAMAN	13 CC	24				
NEQ2	TIMLP	STAMAN	11 CC	71 *				
NEQ2	TVTRIM	STAMAN	20 CC	45 *				
NEXT	ANAL	MANAL	12 CC	14 TY	110			
NEXT	XSTORE	MANAL	5 CC	7 TY	17 *	74 *	74	
NEXTJ	ANAL	MANAL	13 CC	14 TY	110			
NEXTJ	XSTORE	MANAL	6 CC	7 TY	23 *	30 *	30	
NFILTR	ANAL	STRIMA	27 CC	115	115			
NFILTR	FLRINT	STRIMA	10 CC	14 *	21	21	28	29
NFILTR	FUSALC	STRIMA	18 CC	28	28			
NFILTR	ITHCT	STRIMA	31 CC	60	128			
NFILTR	TVTRIM	STRIMA	33 CC	95 *	86			
NFILTR	ZERO	STRIMA	25 CC	44 *				
NFUNK	TABINT		19	37	42			
NFSPCH	FUSENM	FTAB	6 CC	121 SA	122 SA			
NFSPCH	REDFTB	FTAB	2 CC	3 IO	3 IO	5 SA	8 SA	
NFSPCH	START	FTAB	4 CC	98 SA	99 SA			
NFSPTS	FSNINT		15 *	16				
NFSYAM	FUSENM	FTAB	6 CC	121 SA	122 SA			
NFSYAM	REDFTB	FTAB	2 CC	3 IO	3 IO	5 SA	8 SA	
NFSYAM	START	FTAB	4 CC	98 SA	99 SA			
NFUS	ANAL	MANAL	9 CC	14 TY	110			
NFUS	FUSENM	MANAL	4 CC	13 TY	137 *	155 *	155	
NFUS	WREM	MANAL	5 CC	10 TY	23	23 IC	46	47 SA
NGUN	ANAL	MANAL	10 CC	14 TY	107			
NGUN	VGUNS	MANAL	3 CC	7 TY	27 *			
NHHR	REDRWK	FORWK	2 CC	23 IO	46	46	47	47 48 IO
NHHR	RTWAKE	FORWK	4 CC	13				
NHHR	WRRWK	FORWK	2 CC	66	66	70 IC	71	71 96
NHHR	WRRWK	FORWK	96					
NHHRA	RTWAKL		3 TY	13 *	16	23	32	39
NHHS	REDSWK	FUSWK	2 CC	12 IO	27	27	28	28 29 IO
NHHS	STRWAK	FUSWK	4 CC	37				
NHHS	WRSWK	FUSWK	2 CC	12	12	16 IC	17	17
NHHS1	STRWAK		37 *	39	39	42	42	47 47
NHHS1	STRWAK		50	50				
NHH	REDRWK		46 *	60				
NHH	REDSWK		27 *	38				
NHH	WRRWK		66 *	83	86	96 *	97	
NHH	WRSWK		12 *	26				
NI	XCONIN		19 TY	20 TY	26			
NII	XCONIN		26 *	27	27			
NIJ	REDRWK		94 *	37 IO	63 IO			
NIJ	WRRWK		75 *	81 IO	87 IO	101 *	103	111 115
NITRS	ITRIM	STRIAN	20 CC	62 *				
NITRS	WRTRIM	STRIAN	16 CC	41 IO				
NJJ	ALLMAT		234 *	235				
NJ	XCONIN		19 TY	23 TY	33			
NJET	ANAL	STARAN	10 CC	83				
NJET	JERGIN	STARAN	14 CC	32 *	41			
NJI	XCONIN		33 *	34	34			
NJTSN	ANAL	MANAL	9 CC	14 TY	107 *	110		
NJTSN	WREM	MANAL	5 CC	10 TY	31 IO	71 SA		
NJTSN	EXTCRS	MANAL	9 CC	10 TY	37 *	79 *		
NJTSN	LIZE	MANAL	15 CC	16 TY	166 *			
NJTSN	WREM	MANAL	9 CC	10 TY	36 IO	82 SA		
NJTSN	XSTORE	MANAL	6 CC	7 TY	30			
NL	ALLMAT		91	87 *	93	94	97	98 98
NL	ALLMAT		103	103	165 *	214	214	215
NL	STRWAK		12	12				
NLJET	ANAL	STARAN	16 CC	21 TY	94 *	107		
NLJET	JERGIN	STARAN	14 CC	19 TY	57 *			
NLMR	ITROT	FORWK	6 CC	83	97			
NLMR	REDRWK	FORWK	2 CC	19 *	23 IC	25	25 *	27 54
NLMR	RTWAKE	FORWK	3 TY	4 CC	12	12	29	
NLMR	UNSDER	FORWK	6 CC	44	44			
NLMR	WRRWK	FORWK	2 CC	65	73 IO	75	94	101
NLMRIN	REDRWK		52 *	54				
NLMRIN	WRRWK		73 *	75	99 *	101		
NLMRN	ITROT		83 *	85	97 *	98	99	104

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
[illegible]	[illegible]		27 *	35	35	36 IO	44	44 IO	52
[illegible]	[illegible]		53						
[illegible]	[illegible]		65 *	73	74	94 *	99	100	124
[illegible]	[illegible]		125						
[illegible]	[illegible]	[illegible]	2 CC	12 IO	14	14 *	16		
[illegible]	[illegible]	[illegible]	4 CC	28					
[illegible]	[illegible]	[illegible]	2 CC	11					
[illegible]	[illegible]		16 *	21	21	22 IO	26	33	34
[illegible]	[illegible]		49	50	52				
[illegible]	[illegible]		28 *	29	30	35	38	39	39
[illegible]	[illegible]		41	42	42	45	46	47	47
[illegible]	[illegible]		11 *	16 IO	19	23	38	39	
[illegible]			1	3	5	5	5	5	23
[illegible]			23	24	25	23			
[illegible]	AZMUTH	STARAN	27 CC	73 *					
[illegible]	[illegible]	STARAN	9 CC	16	16	17	17	18	18
[illegible]	[illegible]	STARAN	22	25	25	26	28	29	
[illegible]	RADIAL	STARAN	23 CC	79	81	97			
[illegible]	UNSDER	STARAN	19 CC	27	27	28	28	29	29
[illegible]	UNSDER	STARAN	41	50	51				
[illegible]	UNSDER	STARAN	30	30	34	35	37	38	40
[illegible]	ANAL	MANAL	9 CC	14 TY	110				
[illegible]	WING	MANAL	4 CC	13 TY	135 *	142	156 *	158	182 *
[illegible]	WING	MANAL	182						
[illegible]	WARN	MANAL	5 CC	10 TY	27 IC	61 SA			
[illegible]	ALLMAT		137 *	139	149				
[illegible]	[illegible]		64 *	66					
[illegible]	ALLMAT		147	194	195				
[illegible]	ALLMAT		89 *	91	97	98	183 *	184	185
[illegible]	ALLMAT		92 *	134	184 *	185	195		
[illegible]	ALLMAT		192	193 *	193	196 *	198	199	199
[illegible]	ALLMAT		135	136 *	136	139 *	140	141	142
[illegible]	ALLMAT		220 *	220	219 *	224	224	225	
[illegible]	ALLMAT		143	149 *	150	151	197 *	189	191
[illegible]	ALLMAT		111 *	112	112	130 *	132	133	134
[illegible]	ALLMAT		191	198 *	199	220 *	222	223 *	223
[illegible]	ALLMAT		142	150 *	151	152	152	189 *	190
[illegible]	ALLMAT		132 *	133	134	134	140 *	141	142
[illegible]	UNSDER		44 *	45					
[illegible]	READIN	INSTAR	94	103 IO	105	122 IO	123 IO		
[illegible]	READIN	INSTAR	3 EQ	3 EQ	4 CC	5 TY	63 IO	66	92 IO
[illegible]	READ	INSTAR	2 CC	3 TY	9 EQ	9 EQ	17	27 IO	29
[illegible]	AZMINT	ANDDIT	2 CC	50	54	73			
[illegible]	AZMUTH	ANDDIT	4 CC	63	103				
[illegible]	RDPERD	ANDDIT	2 CC	19					
[illegible]	RMSINT		24 *	29					
[illegible]	DELIV	ANDDIT	2 CC	118 *	158				
[illegible]	FOCUS	ANDDIT	2 CC	53					
[illegible]	MRESO	ANDDIT	2 CC	22	138				
[illegible]	INIT		27 *	43					
[illegible]	INAL		53 *	149					
[illegible]	INMTH		24 *	27	42				
[illegible]	INTERO	ANDDIT	3 TY	4 CC	23				
[illegible]	ITHIT	ANDDIT	2 CC	143	174	188			
[illegible]	LOADT	ANDDIT	2 CC	43 *	55	84	104		
[illegible]	MODAL		25 *	38	65				
[illegible]	MPCNTL		39 *	42	46	51			
[illegible]	MPRTT		15 *	17	77				
[illegible]	PRCTVT		69 *	73					
[illegible]	QUAN		66 *	68					
[illegible]	RADIUS	ANDDIT	3 TY	4 CC	49	56			
[illegible]	RADIAL	ANDDIT	3 TY	4 CC	152	178			
[illegible]	RDTAN	ANDDIT	2 CC	37 *					
[illegible]	TIMEOD		40 *	81					
[illegible]	TVTRIM	ANDDIT	2 CC	142	161	214			
[illegible]	WMLOC		20 *	29					
[illegible]	AFTRIM	MANAL	13 CC	69					
[illegible]	AJACOR	MANAL	9 CC	121	122				
[illegible]	AZMINT	MANAL	11 CC	90					
[illegible]	AZMUTH	MANAL	14 CC	107					
[illegible]	RDPERD	MANAL	11 CC	18					
[illegible]	RMSINT	MANAL	3 CC	28	30				
[illegible]	DELIV	MANAL	13 CC	118					
[illegible]	DPSHFT	MANAL	7 CC	45	44	44	49	49	51
[illegible]	INMTH	MANAL	7 CC	85					
[illegible]	INIT	MANAL	7 CC	27	30	45			
[illegible]	INAL	MANAL	8 CC	33					
[illegible]	INMTH	MANAL	8 CC	24					
[illegible]	LOGINT	MANAL	8 CC	35 *	36 *				
[illegible]	LOADT	MANAL	12 CC	40	155				

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS					
MMODE	MODAL	MANAL	4 CO	25	36	39	78	
MMODE	MPCNTL	MANAL	3 CC	39	40	41		
MMODE	MPRTR	MANAL	3 CO	15				
MMODE	PRETVT	MANAL	9 CO	68	69			
MMODE	USEOPF	MANAL	10 CC	22				
MMODE	QUAN	MANAL	7 CO	57	66	67		
MMODE	RADEGN	MANAL	3 TY	13 CO	50			
MMODE	RADIAL	MANAL	11 CL	179				
MMODE	RETAN	MANAL	13 CL	37				
MMODE	SMAINT	MANAL	9 CL	31	33			
MMODE	TIMEQD	MANAL	10 CC	80				
MMODE	TIMEP	MANAL	6 CO	31				
MMODE	TVTHIM	MANAL	14 CC	53	54	62	115	143	162
MMODE	TVTHIM	MANAL	181	213				
MMODE	WRMODE	MANAL	9 CO	20	30			
MMODE	WRUPTM	MANAL	12 CL	64	67	128 IO		
MMODE	XRTHIM	MANAL	4 CO	28	29			
MMODX	SMKINT		31 *	32				
MMR	ANAL	MANAL	3 CC	14 TY	46 *	110		
MMR	WRFM	MANAL	5 CO	13 TY	24 IO	51 SA		
MMS	ALLMAT		88 *	89	90	119		
MMUR	ITRUT	FORWK	6 CC	82	87			
MMUR	NEDRWK	FORWK	2 CO	18 *	25 IO	26	26 *	26	54
MMUR	RTRWKL	FORWK	5 TY	4 CC	12	20	36		
MMUR	UNSDEN	FORWK	5 CO	44					
MMUR	WRRWK	FORWK	2 CC	64	70 IO	75	93	101	
MMURN	ITRUT		82 *	84	87 *	88	89	94	
MMURN	NEDRWK		25 *	31	31	32 IO	43	43 IO	51
MMURN	WRRWK		64 *	72	93 *	98	119	120	
MMUS	NEOSWK	FOSWK	2 CO	12 10	13	13 *	15		
MMUS	STRWAK	FOSWK	4 CO	17					
MMUS	WRSWK	FOSWK	2 CO	10					
MMUSI	NEOSWK		15 *	17	17	18 IO	25	25 IO	32
MMUSI	STRWAK		17 *	19	20	25	40	48	
MMUSI	WRSWK		10 *	16 10	18	33	34		
MMI	ALLMAT		216	233					
MMI	ALLMAT		91 *	94	96	98	163 *	179	206
MMI	SOLVE		4 *	27					
MM2	ALLMAT		15 *	16	164 *	232			
MN	INRTR		62 *	65					
MN	PUNCH		16 EQ	23	24				
MN	RTRWKL		12	12	12				
MNP	IMFRMP		29 *	30	41 *	42	53 *	54	
MNI	INRTR		61 *	64					
MOPS	MNEM		10 SA						
MOPS	NOPS		1						
MOPS	PRETVT		63 SA						
MOPSI	AZMUTH	ANDOUT	4 CC	67	154				
MOPSI	DOPFDD	ANDOUT	2 CC	22	30	37			
MOPSI	DENIY	ANDOUT	2 CC	110 *	153				
MOPSI	FOCUS	ANDOUT	2 CC	52					
MOPSI	ITRUT	ANDOUT	2 CC	164					
MOPSI	RETAN	ANDOUT	2 CO	36 *					
MOPSI	TVTRIM	ANDOUT	2 CC	144	163	217	223		
MOPSI	FLOWN		28 SA						
MOPSI	NOPS		22						
MORDER	ROTFLT		7 TY	10	10	20	39		
MOWAKE	AZMINT	FORWK	7 CO	34					
MOWAKE	ITRUT	FORWK	6 CC	73					
MOWAKE	LIZE	FORWK	4 CC	68 *					
MOWAKE	START	FORWK	2 CL	88 *					
MP	FUSACC		21 TY	23 *	34	36			
MP	IMFRMP		28 *	29	33	30	30	40 *	41
MP	IMPRMP		42	42	52 *	53	54	54	54
MP	MPCNTL		23 *	24	25				
MP	POPFDO		78	78	78	78	83 *	84	84
MP	POPFDO		56 *	57	57	57	57	62 *	63
MP	POPFDO		84	84	92 *	92	93		
MP	POPFDO		63	63	68 *	69	93	69	77 *
MPART		TOPLOT	1 CC	36 10	37	37	38	95 IO	
MPART	AFTRIM	TOPLOT	31 CC	46	46				
MPART	ERRCHK	TOPLOT	7 CO	37					
MPART	INSTAO	TOPLOT	28 CO	66	66	81	81		
MPART	LIZE	TOPLOT	36 CO	39	81				
MPART	MANO	TOPLOT	21 CC	25	32	33	33 *		
MPART	MNEM	TOPLOT	29 CC	102					
MPART	NEACIN	TOPLOT	57	101	102	102	102	109	110
MPART	RTAOIN	TOPLOT	25 CC	41	43	43	45	54	
MPART	RESTRT	TOPLOT	40 CO	84 *	153 *				
MPART	TIMEP	TOPLOT	17 CC	73					

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS					
NPART	WRRRR	TUPLOT	19 CC	25	91			
NPART	WRTRIM	TUPLOT	23 CC	41 IO				
NPASS	ITRIM		28 TY	31 *	54 *	60 *	60	62	64 IO
NPASS	ITRIM		66 IC	144	145				
NPD	FUSACC		41 TY	38 *	39	41			
NPDM	AETRIM	STRIAB	24 CC	47 *					
NPDM	AJACOB	STRIAB	22 CC	118	118				
NPDM	ANAL	STRIAB	32 CC	35	35	52	52	69	69
NPDM	COEF	STRIAB	8 CC	29	28	32	32	33	
NPDM	INSTAB	STRIAB	21 CC	60 *					
NPDM	ITRIM	STRIAB	41	41	46	52	54	55	63
NPDM	ITRIM	STRIAB	64	64	64 IO	66 IO	66 IO	91	97
NPDM	ITRIM	STRIAB	60	61	61	62	63	63	63
NPDM	ITRIM	STRIAB	20 CC	31	32	36 *	37	38	41
NPDM	ITRIM	STRIAB	145						
NPDM	ITRIM	STRIAB	121	125	134	144	144	144	145
NPDM	ITRIM	STRIAB	102	103	124	110	111	111	115
NPDM	JACOBI	STRIAB	14 CC	30	55				
NPDM	TRIM	STRIAB	32 CC	90 *	81	82			
NPDM	WRTRIM	STRIAB	16 CC	26	26				
NPDM	WWP	STRIAB	9 CC	21	40	50	58	68	
NPDMS	ITRIM		34 *	35	36				
NPG	WRMS		12 *	13	26	32			
NPM	FSMINT		37						
NPM	FSMINT		20 *	21	22	23	24	25	26
NPMOD	HOPCOD	PYLON	15 CC	46					
NPMOD	DERIV	PYLON	14 CC	117 *	136	140			
NPMOD	FPYLAC	PYLON	13 CC	15 *	22				
NPMOD	FSMINT	PYLON	13 CC	14 *	20				
NPMOD	IMERMP	PYLON	8 CC	16 *	16	28	40	52	
NPMOD	INSTAB	PYLON	10 CC	196 *	197	204 *	205		
NPMOD	ITRCT	PYLON	17 CC	148	149				
NPMOD	LOADT	PYLON	16 CC	41 *	64	91			
NPMOD	PDPFOD	PYLON	12 CC	23	28	29	36	39 IO	42
NPMOD	PDPFOD	PYLON	92						
NPMOD	PDPFOD	PYLON	62	65	65	68	71	71	74
NPMOD	PDPFOD	PYLON	77	90	80	83	86	86	91 SA
NPMOD	PDPFOD	PYLON	43	46	47	53	56	59	59
NPMOD	PRETVT	PYLON	13 CC	36 *	40				
NPMOD	PYLACC	PYLON	11 CC	22	35				
NPMOD	PYLINT	PYLON	11 CC	18 *	19				
NPMOD	QUAN	PYLON	11 CC	49 *	52				
NPMOD	ROTAN	PYLON	17 CC	38 *					
NPMOD	STAB	PYLON	8 CC	66 *	102 *				
NPMOD	TVTRIM	PYLON	28 CC	251	271	209			
NPMODE	DERIV	PYLON	14 CC	117					
NPMODE	FPYLAC	PYLON	13 CC	15					
NPMODE	FSMINT	PYLON	13 CC	14					
NPMODE	IMERMP	PYLON	8 CC	12	14				
NPMODE	INIT	PYLON	11 CC	53					
NPMODE	INRU	PYLON	12 CC	141	142				
NPMODE	INSTAB	PYLON	10 CC	36	36	196	204		
NPMODE	JSTRCD	PYLON	12 CC	54	57	59	88	91	
NPMODE	LOGINT	PYLON	12 CC	17 *	34 *				
NPMODE	LOADT	PYLON	16 CC	41	127				
NPMODE	MPCNTL	PYLON	9 CC	9 EQ	23				
NPMODE	NPUTCT	PYLON	12 CC	59	60	62	76	77	
NPMODE	PRETVT	PYLON	13 CC	37	38				
NPMODE	PYLINT	PYLON	11 CC	18					
NPMODE	QUAN	PYLON	11 CC	49					
NPMODE	ROTAN	PYLON	17 CC	38					
NPMODE	STAB	PYLON	8 CC	65	66	100	102		
NPMODE	SWSMAT	PYLON	17 CC	29					
NPMODE	TIMEQD	PYLON	12 CC	25 EQ					
NPMODE	WRMANU	PYLON	13 CC	30	37				
NPMODE	WPOPTN	PYLON	16 CC	33					
NPREV	HRESP		38 *	39	43				
NPRINT		TUPLOT	1 CC	36 IO	43	40 *			
NPRINT	TIMEP	TUPLOT	17 CC	75					
NPRINT	VARI	TUPLOT	23 CC	167 *	169	169 *			
NPSI	DERIV	MANAL	9 CC	119					
NPSI	FLORH	MANAL	5 CC	17					
NPSI	INIT	MANAL	6 CC	25					
NPSI	INRU	MANAL	7 CC	32 *					
NPSI	NOPS	MANAL	4 CC	9	58				
NPSI	PRETVT	MANAL	9 CC	62 *	64				
NPSI	QUAN	MANAL	5 CC	47					
NPSI	ROTAN	MANAL	12 CC	36					
NPSI	TILT	MANAL	3 CC	43					
NPSI	TIMEP	MANAL	5 CC	30					

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TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
APSI	VIEFA	MANAL	3 CC	9					
APSI	#RANNU	MANAL	5 CC	27	27	28	35		
APSIJ	NOPS		9 *	10	11	12	13	27 *	28
APSIJ	NUPS		32	33	34	36			
APSIN	INIT		25 *	26	31				
APSIN	PRETVT		64 *	65	74				
APSIN	QUAN		47 *	68	73	76			
APSIL	FLORM		17 *	21	29				
APSIL	TILT		43 *	46					
APTS			1	6					
APUTOT	NPUTOT		1						
APUTOT	READIN		71 SN						
APYL	#PCNTL		7 TY	9 CO					
APYL	TIMEQQ		24 TY	25 EQ	33 IO	36 IC			
APYL	#RSTAB		32 *	33					
API	MODAL		65 *	66	67				
AQMP	ANAL	MANAL	4 CC	14 TY	53 *	110			
AQMP	#REM	MANAL	5 CO	10 TY	39 IO	91 SA			
AQMP	#RUPTM	MANAL	10 CC	15 TY	96 SA				
AQTR	ANAL	MANAL	9 CC	14 TY	67 *	110			
AQTR	#REM	MANAL	5 CO	10 TY	40 IO	95 SA			
AQTR	#RUPTM	MANAL	10 CO	15 TY	97 SA				
AQUAS	AFTRIV	MANAL	13 CC	68					
AQUAS	AJACOU	MANAL	4 CO	121	122				
AQUAS	AZMINT	MANAL	11 CO	49					
AQUAS	AZMUTH	MANAL	3 TY	14 CO	36	71	72	85	135
AQUAS	AZMUTH	MANAL	131	132	139	145			
AQUAS	DERIV	MANAL	10 CC	132	147	167			
AQUAS	ELEINT	MANAL	4 CO	13					
AQUAS	FOCUS	MANAL	3 CC	28	49	50			
AQUAS	INIT	MANAL	7 CC	26					
AQUAS	INRO	MANAL	3 CC	153 *	155 *				
AQUAS	INSTAB	MANAL	6 CO	35	35				
AQUAS	IPRCT	MANAL	13 CO	46	47	48	159	184	190
AQUAS	LOADT	MANAL	12 CO	62					
AQUAS	POPPOD	MANAL	3 CO	33					
AQUAS	PRETVT	MANAL	9 CO	45 *	46				
AQUAS	QUAN	MANAL	7 CC	56					
AQUAS	RADIAL	MANAL	11 CO	137					
AQUAS	ROTAN	MANAL	13 CO	71	72				
AQUAS	SHRCTL	MANAL	8 CC	27					
AQUAS	STHBAR	MANAL	8 CC	39	42	47	50		
AQUAS	TILLP	MANAL	6 CO	28					
AQUAS	TNIM	MANAL	9 CC	53	54 *				
AQUAS	TVTRIM	MANAL	14 CO	52					
AQUAS	#RANNU	MANAL	5 CO	27	27	28	35	43	69
AQUAS	#RTRIM	MANAL	4 CO	28	29	30			
AQUASS	PRETVT	STHTAB	23 CO	45					
AQUASS	TNIM	STHTAB	22 CO	53 *	113	113			
ARE	OUTFLT	FLTHCM	2 CC	18 *	50 *	50	51		
ARL	FILTER	FLTWC#	2 CC	18	19	35	36		
AREN	OUTFLT		51 *	52	55	55	56		
AREN	FILTER		19 *	20	36 *	37			
ARJET	ANAL	STAMAN	16 CO	21 TY	97 *	107			
ARJET	JERGIN	STAMAN	14 CC	19 TY	60 *				
ARS	RESJ#K		28 *	29 *	30	55			
ARS	#RFWK		35	132	135 SA				
ARS	#REWK		24 *	34 *	30	37	60	73 IO	77
ARSC	#RRWK		95 *	135 SA					
ARSM	RESJWK	FLGWK	2 CO	23 IO	29	29	39	39	45
ARSR	#RFWK	FLGWK	2 CO	25	26 *	29	29	31	93
ARSV	#RRWK	FLGWK	92						
ARSTAB	INSTAB	STRTAB	21 CC	46					
ARSTAB	LGCINT	STRTAB	24 CC	75 *					
ARSI	RESJWK		10 *	50					
ARSI	#RRWK		30 *	18	78				
ART	ALSTAB	STHD	92 CO	76 *	79				
ART	AJMNTF	STHD	75						
ART	AJMNTF	STHD	3 CC	13	69 *	69 *	69	73	76
ART	#RSMAG	STHD	76	79	79				
ART	#RSMAG	STHD	71	71	73	74	75	75	77
ART	#RSMAG	STHD	3 CC	29 *	29	26	53 IO	69	73
ART	ARMS	STHD	2 CC	12	14				
ARTD	#RSMAG		19 *	34 *	34	36 *	36		
ARTMX	#RTNSF		6 *	8 *	8	16	23 IC	24 IO	
ARTN	NJMNTF		73 *	78 *	78	80 *	80		
ARTT	ALSTAB	ASTAB	2 CC	76 *	87 *				
ARTT	#RSMAG	ASTAB	3 CC	16	22				
ARTT	AJMNTF	ASTAB	2 CO	13 *	72 *				
ARTT	#RTNSF	ASTAB	2 CO	8	16	27			

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TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS					
NRBG	ANAL	MANAL	7 CO	14 TY	110			
NRBG	WING	MANAL	8 CO	13 TY	142 *	180 *	180	
NRWG	WRFM	MANAL	5 CO	10 TY	26 IO	59 SA		
NS	ALLMAT		220					
NS	ALLMAT		10 TY	74 *	87	89	92	111	130
NS	ALLMAT		137	145	165	176	183	196	219
NSHAKR	AZMUTH	STAHAN	28 CO	75					
NSHAKR	SHKCTL	STAHAN	16 CO	22					
NSHAKR	SHKINT	STAHAN	16 CO	51 *					
NSHAKR	ZERO	STAHAN	18 CO	45 *					
NSHK	SHKCTL		22 *	23					
NSIZE1	AFTRIM	STRIAB	24 CO	48 *	49 *				
NSIZE1	ANAL	STRIAB	22 CO	35	52				
NSIZE1	ITERIN	STRIAB	20 CO	101					
NSIZE1	ITRIM	STRIAB	20 CO	35	103	104	144	144	
NSIZE1	PRETVT	STRIAB	20 CO	35	47 *	48 *	92 *		
NSIZE1	START	STRIAB	26 CO	56 IO					
NSIZE1	TRMENT	STRIAB	43	43 IO					
NSIZE1	TRTINT	STRIAB	18 *	18	29	41	41 IO	42	42 IO
NSIZE1	TRMINT	STRIAB	5 CO	13 *	14 *	15 *	16	17 *	17
NSIZE1	ZERO	STRIAB	20 CO	46 *					
NSIZE2	CORE	STRIAB	8 CO	20	28	33			
NSIZE2	INSTAB	STRIAB	21 CO	58 *					
NSIZE2	ITRIM	STRIAB	20 CO	49	91	97	115	121	125
NSIZE2	ITRIN	STRIAB	134						
NSIZE2	JACUBI	STRIAB	14 CO	30	55				
NSIZE2	PRETVT	STRIAB	20 CO	50 *	51 *	52 *	53 *		
NSIZE2	START	STRIAB	26 CO	56 IO					
NSIZE2	TRMINT	STRIAB	5 CO	21 *	22 *	25 *	26 *	34 *	35 *
NSIZE2	TRMINT	STRIAB	36 *	37 *					
NSIZE2	WAVP	STRIAB	8 CO	21	40	50	58	68	
NSJ	ALLMAT		176 *	177	177				
NSP	VSCAS		1	11					
NSRP1	ALLMAT		145 *	146	147				
NST	WRMS		47 IO	47 IO					
NST	WRMS		14 *	15	35 *	36 IO	36 IO	41 IO	41 IO
NSTABF	LOCINT	STRIAB	24 CO	70 *					
NSTABF	WORKNS	STRIAB	11 CO	92					
NSTABO	LOCINT	STRIAB	24 CO	76 *					
NSTABO	MODES	STRIAB	17 CO	38	88	131	131		
NSTABP	INSTAB	STRIAB	21 CO	195	195	203			
NSTABP	LOCINT	STRIAB	24 CO	73 *					
NSTABR	INSTAB	STRIAB	21 CO	88	88	89			
NSTABR	LOCINT	STRIAB	24 CO	74 *					
NSTABR	MODES	STRIAB	17 CO	56	56	57			
NSTR	STRFNM		35 TY	179 *	180	181			
NSTU	WING		30 TY	131 *	132	133			
NSTWZ	ANAL	MANAL	12 CO	14 TY	110				
NSTWZ	STRFNM	MANAL	16 CO	18 TY	41 *	186 *	186		
NSTR	RESTRT	INSTAB	17 CO	55 IO	65 IO	109 IO	114 IO	136 IO	137 IO
NSTR	TIMEJO	INSTAB	9 CO	30 IO	36 IO				
NSTZ	STRFNM	MANAL	16 CO	18 TY	183 *	186			
NSTZ	WRFM	MANAL	8 CO	10 TY	29 IO	66 SA			
NSZ	INVERS		4 TY	19	19	51	52		
NSIJ	PRETVT		35 *	49 *	49	91	91 *	92	
NTIME		TOPLOT	1 CO	39 *					
NTIME	TIMLP	TOPLOT	17 CO	74 *	74	75	75 *		
NTIMF	WRMANU	TOPLOT	18 CO	22					
NTN	WRMS		41 IO	47 IO	47 IO				
NTN	WRMS		13 *	15	34 *	35	36 IO	36 IO	41 IO
NTR	ANAL	MANAL	9 CO	14 TY	63 *	110			
NTR	WRFM	MANAL	5 CO	10 TY	25 IO	55 SA			
NTRIM		TOPLOT	1 CO	30 *	35 *	35			
NTRIM	AFTRIM	TOPLOT	31 CO	55					
NTRIM	TRIM	TOPLOT	29 CO	51					
NTRIM	TVTRIM	TOPLOT	35 CO	46					
NT3	FLRINT		40 *	41	42	46 SA	46 SA		
NT3	TVTRIM		93 *	94	95	99 SA	99 SA		
NT3M1	FLRINT		41 *	45 SA	45 SA				
NT3M1	TVTRIM		94 *	98 SA	98 SA				
NT3M2	FLRINT		42 *	44 SA	44 SA				
NT3M2	TVTRIM		95 *	97 SA	97 SA				
NUMPTR	TIMEJO	NURSET	49 *	53	54 *	54	57	57	57
NUMPTR	TIMEJO	NURSET	58	60	64 *	88 *	91		
NUMPTR	TIMEQO	NURSET	11 CO	32 *	37 *	37	38	44	48
NUMWTF	ALSTAB		82 SN						
NUMWTF	NUMWTF		1						
NUMSTF	INSTAB	STRIAB	21 CO	218	219	225	230	236	
NUMSTR	LOCINT	STRIAB	24 CO	83 *					
NUMTF	INSTAB	STBO	222 *	223 *	224 *	226 *	227 *	228 *	229 *

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
NUMTF	INSTAB	STBD	233 *	234 *	240 *				
NUMTF	INSTAB	STBD	19 CC	213 *	215 *	216 *	217 *	220 *	221 *
NUMTF	NUMRTF	STBD	3 CO	18					
NVARA		TOPLOT	1 CO	36 IO	86				
NVARB		TOPLOT	1 CO	36 IO					
NVARC		TOPLOT	1 CO	36 IO					
NVARS		TOPLOT	1 CO	29 *	60				
NVARS	MANU	TOPLOT	21 CC	26	36 *	54 *			
NVT	ALSTAB		19 TY	21 TY	25 *	26 *	27 *	32 *	37 *
NVT	ALSTAU		77 SA						
NVT	PHSMAG		1	10 TY	61	66			
N*AG	AFTRIM	MANAL	12 CO	106 *					
N*AG	MANU	MANAL	8 CC	43 *	44 *	48 *			
N*AG	WING	MANAL	9 CO	115					
N*D	MODES		2 TY	30 *	41 *	41	67		
N*KN	REDRWK	FORWK	2 CO	15 *	17 *	20			
N*KN	WRRWK	FORWK	2 CO	23					
NWKS	REDRWK	FORWK	2 CO	14 *	16 *	20			
NWKS	WRRWK	FORWK	2 CO	23	68				
NX	REDCL		1	3 IO	4	5	8		
NX	TABINT		26	36	38	41			
NX	TABINT		1	3	5	12	18	21	23
NX	TABOUT		1	3 IO	6	7 IO	7 IO		
NXO	PTBOUT	ATAB	2 CO	24					
NXO	REDATB	ATAB	2 CC	13 IO	15 SA				
NXO	STBINT	ATAB	3 TY	8 CC	41				
NXOK	PTBOUT		24 *	29 SA	32 SA				
NXIT	INRO		154 *	155	155				
NXL	PTBOUT	ATAB	2 CO	15					
NXL	REDATB	ATAB	2 CO	13 IO	14 SA				
NXL	STBINT	ATAB	3 TY	8 CC	15				
NXL	TABFIX		1	4	22	25			
NXLK	PTBOUT		15 *	20 SA	23 SA				
NXM	PTBOUT	ATAB	2 CO	33					
NXM	REDATB	ATAB	2 CC	13 IO	16 SA				
NXM	STBINT	ATAB	3 TY	8 CO	67				
NXMK	PTBOUT		33 *	38 SA	41 SA				
NXTN	EXTORS	MANAL	9 CO	13 TY	70 *				
NXTR	WRTM	MANAL	9 CO	10 TY	34 IO	77 SA			
NXTR	XSTORE	MANAL	6 CC	7 TY	71 *	74			
NYKR	ERRCHK		31 *	32	33				
NZ	REDCL		1	5	6				
NZ	TABINT		1	17	21	38			
NZ	TABOUT		1	4	5				
NZD	PTBOUT	ATAB	2 CO	25					
NZD	REDATB	ATAB	2 CO	13 IO	15 SA				
NZD	STBINT	ATAB	3 TY	8 CO	50	62			
NZDK	PTBOUT		25 *	29 SA	32 SA				
NZL	PTBOUT	ATAB	2 CO	16					
NZL	REDATB	ATAB	2 CO	13 IO	14 SA				
NZL	STBINT	ATAB	3 TY	8 CO	24	36			
NZL	TABFIX		1	28					
NZLK	PTBOUT		16 *	20 SA	23 SA				
NZM	PTBOUT	ATAB	2 CO	34					
NZM	REDATB	ATAB	2 CO	13 IO	16 SA				
NZM	STBINT	ATAB	3 TY	8 CC	77	89			
NZMA	PTBOUT		34 *	38 SA	41 SA				
NZRO	FRQRES	ASTAB	2 CO	10					
NZRO	PHSMAG	ASTAB	2 CO	17 *	23 *	23			
NZRN	FRQRES	ASTAB	2 CO	10					
NZRN	NUMRTF	ASTAB	2 CO	61 *	67 *	67			
N1			6 *	7	8 *	8			
N1	MATRIX		1	14	15	16	18	19	20
N1	MOMB		16 *	19	20	20	21	21	21
N1	MPCNTL		44 *	47	55				
N1	MPRTN		78	83					
N1	MPRTN		9 *	13 *	13	24	27	32	37
N1	MPRTN		42	52	52	56	63	67	71
N1	SOLVE		3 *	14	18	22	25	28	
N1	TIMEDO		74 *	78 *	78	83			
N11	ALLMAT		233 *	234	236	236	238	239	240
N2			5 *	7	9 *	9			
N2	HUTFLT		10 *	17	33				
N2	ITERIN		102 *	103	103	103	104	104	104
N2	MOMB		17 *	18	22				
N2	MPCNTL		43 *	44	48	56			
N2M	MOMB		6 TY	8 TY	17				
N3	INIT		29 *	37	38	39			
N3	MODIAL		98 *	149	150	151	153	153	
N3K	FLRINT		16 *	17 SA					

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
N3K	TVTRIM		88 *	89 SA					
N3M2	TVTRIM		92 *						
N6	INIT		30 *	44	46	47	48		
N7	MAAL		18 *	19	20	24	24	27	27
N7	MAAL		28	28	30	30			
O			3						
O	IMFNMP		26						
O	JSTRED		30						
O	MPRTR		21						
O	NPUTJT		33						
O	PDPFJD		54						
O	PDZERO		4						
O	RADIAL		75						
OFF	WHUPTM		37 TY	63	74	82	87	92	
OFSNLK	AZMUTH	STARAN	28 CC	100					
OFSNLK	INRO	STARAN	22 CO	120 *					
OLD	APTRIM	STRIMA	27 CO	101 *	102 *				
OLD	TIMLP	STRIMA	13 CC	39	40	78 *	79 *		
OMEGA	INPC	STARAN	21 CC	79 *					
OMEGA	UNSTED	STARAN	22 CO	87					
OMEGM	DERIV	STAMAN	15 CC	68	75				
OMEGM	JERGIN	STAMAN	11 CO	96	96				
OMEGM	MTLT	STAMAN	8 CO	26 *	26				
OMEGM	RTINIT	STAMAN	11 CC	33 *	34				
OMEGM	VARI	STAMAN	13 CC	27					
OMEGMO	MTLT	STAMAN	9 CO	27 *	27				
OMEGMO	VARI	STAMAN	14 CC	23 *					
ON	WRUPTM		37 TY	69	83	88	93		
ONEG	AJACOB	INSTAR	4 CC	50	58				
ONEG	AZMUTH	INSTAR	9 CC	84	139				
ONEG	BLKINT	INSTAR	3 CO	56	71				
ONEG	EXTORS	INSTAR	2 CO	47	48	61			
ONEG	FPYLAC	INSTAR	4 CO	28	29	30			
ONEG	FUSINT	INSTAR	2 CO	44	45	83			
ONEG	INBMSS	INSTAR	3 CC	27	56	57	58		
ONEG	ITERIN	INSTAR	2 CO	79	88				
ONEG	JERGIN	INSTAR	2 CO	63	64				
ONEG	LIZE	INSTAR	8 CO	75 *					
ONEG	MNEM	INSTAR	4 CO	32					
ONEG	MODAL	INSTAR	3 CO	50					
ONEG	PYLACC	INSTAR	2 CO	29					
ONEG	SQSRAT	INSTAR	8 CO	36					
ONEG	VARI	INSTAR	4 CO	65					
ONEG	WRMCOE	INSTAR	3 CC	23					
ONESED	INBLD		24 *	26					
ONETRD	INBMSS		21 TY	32					
OR	GRPRTR	MANAL	7 CO	32	33	34	50	51	52
OR	GRPSMP	MANAL	10 CO	32	34	44	46		
OR	INRC	MANAL	7 CO	130 *	131				
OR	ITACT	MANAL	12 CC	58	74	75			
OR	MNEM	MANAL	8 CO	58					
OR	QUAN	MANAL	6 CO	46 *					
OR	SQSRAT	MANAL	12 CO	56					
OR	VIND	MANAL	3 CO	18					
OR	WRCPTM	MANAL	11 CO	47	52	91			
ORN	RADRGN	ANDGIT	2 TY	4 CO	69				
ORN	SQSRAT	ANDGIT	2 CO	56 *	68	70	70	71	71
ORN	SQSRAT	ANDGIT	72						
OSC1	WRSMTV		7 *	10 10	13	23 *	25 10	28	54 *
OSC1	WRSMTV		55 10						
OSC2	WRSMTV		8 *	10 10	17				
OT	VARI		143 *	144	147				
P			16 *	19	22				
P			42						
P	AUTFLT		5 TY	30 *	31 *	34	34	36	43
P	AUTFLT		53	60					
P	AUTFLT		43	43	43	43	47	47	47
P	IMFNMP		26						
P	MPRTR		21						
P	PDPFJD		54						
PA	UNSTED		2 TY	100 *	102	102	105	106	129
PA	UNSTED		129	129	130	130	131		
PAN	INRC	STARAN	21 CC	85 *					
PAN	UNSTED	STARAN	22 CC	100					
PARM	INIT	STAMAN	13 CO	23 EQ	23 EQ				
PARM	LOADT	STAMAN	18 CO	33 EQ					
PARM	RADIAL	STAMAN	16 CO	34 EQ					
PARM	SALTHS	STAMAN	10 CC	14 10					
PARM	TVTRIM	STAMAN	20 CC	40 EQ					
PARM	WRMANU	STAMAN	12 CC	20 EQ	20 EQ	20 EQ	20 EQ	20 EQ	

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS					
PARM1	WRNANU		19 TY	20 EQ	23 IO			
PCHCN1	INRC	STAHAN	22 CC	162 *	165 *	166	166	
PCHCN1	ITHCT	STAHAN	24 CC	54				
PCHCN2	INRC	STAHAN	22 CC	163 *	166 *			
PCHCN2	ITHCT	STAHAN	24 CC	54				
PCHCON	AZMINT	STAHAN	24 CC	89				
PCHCON	CRPRTH	STAHAN	19 CC	22	23	40	41	
PCHCON	ITHCT	STAHAN	24 CC	54 *				
PCHCON	ZERO	STAHAN	18 CC	47 *				
PCHLAG	AZMINT	STAHAN	23 CC	89				
PCHLAG	INRC	STAHAN	21 CC	66 *				
PCHLAG	ZERO	STAHAN	17 CC	48 *				
PCHORN	CHOINT	STAHAN	16 CC	31	36			
PCHORN	INRC	STAHAN	21 CC	99 *				
PD	AFTRIM	STRIMA	27 CC	84 *	84			
PD	INSTAB	STRIMA	24 CC	96 *	152 *	152	153 *	153
PD	INSTAB	STRIMA	154	155 *	155	156 *	156	
PD	ITRIM	STRIMA	23 CC	89 *	110 SA	117	127	
PD	JACOBI	STRIMA	17 CC	56 *	56			
PD	MDEORS	STRIMA	14 CC	96 *	97 *	98 *	136	
PD	PDZERO		15	15	17 *	19 *	24 *	26 *
PD	PDZERO		12 *	12	12	14 *	14	14
PD	PDZERO		1	3 TY	6 *	7 *	11 *	11
PU	PUNCH	STRIMA	10 CO	63	64			
PD	SUPERP	STRIMA	62	63	64			
PD	SUPERP	STRIMA	8 CO	25	26	27	28	37
PD	SUPERP	STRIMA	39	40	49	50	51	52
PD	TRIM	STRIMA	25 CC	71 *				
PD	WRINST	STRIMA	33	34	35	36	37	38
PD	WRINST	STRIMA	18 CC	23 IO	26 IO	29	30	31
PD	WRINST	STRIMA	52	53	54	56	57	
PD	WRVP	STRIMA	11 CC	60	61	70		
PDAA	MBAL		42 *	49	52	59 IO	65 IO	
PDAA	MUAL		47 *	39	51	59 IO	65 IO	
PDBA	MBAL		43 *	49	52	59 IO	65 IO	
PDBB	MUAL		38 *	49	51	59 IO	65 IO	
PDOUT	STA3	PYLON	8 CO	73 *	105			
PDM	ARTREM		16 TY	31 *	33 *	34 *	36 *	39
PDM	BRTREM		48					
PDOT	STAH	PYLON	3 CO	69 *	104			
PDPFDD	DENIV		137 SN					
PDPFDD	ITHCT		157 SN					
PDPFDD	PDPFDD		1					
PDPHI	BRTREM	STRIMA	11 CC	48 *	51 SA			
PDPHI	ITRIM	STRIMA	23 CC	117 *	127 *	130 SA		
PDPHI	SOLVE		17 *	19 *	19	19	23 *	23
PDPHI	SOLVE		23	25	31			
PDPHI	SOLVE		1	2 TY	7	9	15	16 *
PDPHI	SUPERP	STRIMA	39 *	40 *	41 *	44 *	44	45 *
PDPHI	SUPERP	STRIMA	67 *	67	69 SA			
PDPHI	SUPERP	STRIMA	29 *	32 *	32	33 *	33	37 *
PDPHI	SUPERP	STRIMA	57 *	57	61 *	62 *	63 *	64 *
PDPHI	SUPERP	STRIMA	49 *	50 *	51 *	52 *	53 *	56 *
PDPHI	SUPERP	STRIMA	8 CC	19 *	20 *	25 *	26 *	27 *
PDPHI	TRIM	STRIMA	25 CC	72 *				
PDPHI	WRVP	STRIMA	11 CC	60 *	61 *	63 IO	70 *	72 IO
PDRI	SIVAR		40 *	81	82			
PDS	MDEORS	STRD	9 CC	136 *				
PDS	MODES	STRD	15 CO	48 *	115 *	115		
PDS	NUMRTF	STRD	3 CO	24				
PDS	SWAP	STRD	2 CO	41				
PDS	WRINST	STRD	35 *	36 *	37 *	38 *	41 IO	44 IO
PDS	WRINST	STRD	16 CO	29 *	30 *	31 *	32 *	33 *
PDS	WRINST	STRD	52 *	53 *	54 *	56 *	57 *	61 IO
PDSHED	PDSHED		1					
PDSHED	REDID		20 SN	39 SN				
PDZERO	ITRIM		113 SN					
PDZERO	PDZERO		1					
PE	TRIM		33 TY					
PEDAL	GRPCNT	MANAL	10 CC	56				
PEDAL	JFNGIN	MANAL	6 CC	88 *				
PEDAL	LIZE	MANAL	12 CC	47				
PEDAL	SUPERP	MANAL	3 CO	82 *	82			
PEDAL	VARI	MANAL	8 CO	86 *	86			
PEDALD	INSCAS	STAMAN	9 CC	23 *				
PEDALD	SCASIT	STAMAN	11 CC	35				
PEDALD	TIMLP	STAMAN	11 CC	69 *				
PEDALD	VARI	STAMAN	14 CC	97 *				
PERIOD	PHSMAG		37 *	38 *	46 *	53 IO		
PGMNAM		TOPLOT	1 CO	25 *	26 *			

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
PGMNAM	READIN	TOPLOT	25 CO	51 IO					
PGMNAM	WRCMNT	TOPLOT	2 CO	3 IO					
PGMNME			2 TY	4 TY	25	26			
PGMS	MODAL		23 TY	41 *	69 *	77 IO	77 IO	78 IO	78 IO
PHASE	PHSMAG	STBD	3 CO	70 *	71 *	74 *	75 *	78 *	79 *
PHASE	WRMS	STBD	2 CO	20 *	21 *	22 *	36 IO	41 IO	47 IO
PHI	BUTFLT		4 TY	23 *	24	25	63 *	67	69
PHI	RADIAL	ANDDIT	2 TY	5 CO	56 *	60 *	73	74	
PHI	RADOUT	ANDDIT	3 CO	56					
PHIBAR	UNSTED		2 TY	102 *	135				
PHIUND	INRC	STAMAN	14 CO	34 *					
PHIUND	RADIAL	STAMAN	16 CO	174					
PHSMAG	ALSTAB		77 SN						
PHSMAG	PHSMAG		1						
PHSMMT	WRMTV		3 TY	54 *	55 *	57 IO			
PHSPLL	WRMTV		3 TY	62 *	63 *	65 IO			
PI	BUTFLT		4 TY	6 TY	12	13	17		
PI	COCL	MANAL	2 TY	10 CO	41	58	59		
PI	CLCD	MANAL	7 CO	31	61	76			
PI	GRPNTR	MANAL	7 CO	14	52				
PI	LIZE	MANAL	12 CO	71 *					
PI	LOADT	MANAL	11 CO	81					
PI	RADIAL	MANAL	10 CO	114					
PI	SHKINT	MANAL	7 CO	25					
PI	SIVAR	MANAL	6 CO	67	69				
PI	TVTRIM	MANAL	13 CO	117	118				
PI	UNSTED	MANAL	12 CO	129	130				
PI	WRUPTM	MANAL	11 CO	61	111				
PILGM1	GUST	MANAL	4 CO	66					
PILGM1	PGUST	MANAL	8 CO	96					
PILGM1	SIVAR	MANAL	7 CO	66 *	67 *				
PILGM2	GUST	MANAL	5 CO	67					
PILGM2	PGUST	MANAL	9 CO	63					
PILGM2	SIVAR	MANAL	8 CO	68 *	69 *				
PIM	BUTFLT		4 TY	25 *	26	36 *	37	49	63
PIN2	BUTFLT		4 TY	17 *	23				
PIU30	DMSINT	STAMAN	12 CO	65	66				
PIU30	GRPSHP	STAMAN	15 CO	31	43	51			
PIU30	LIZE	STAMAN	18 CO	58 *					
PIU30	MODAL	STAMAN	12 CO	83	84				
PIU30	RTINIT	STAMAN	11 CO	33					
PIU30	SIVAR	STAMAN	11 CO	91	94	108	139	118	119
PIU30	WRUPTM	STAMAN	17 CO	44					
PLDUPC	AZMUTH		2 TY	31 TY	64 *	65	112	121 IO	
PLKARM	INRC		97 *	98	98 *	123			
PLLMAX	WRSMTV		39 *	45	46 *	54	55 IO		
PLLMIN	WRSMTV		40 *	50	51 *	54	55 IO		
PLLMNZ	WRSMTV		42 *	52 *	55 IO				
PLLMXZ	WRSMTV		41 *	47 *	55 IO				
PLNKLD	AZMUTH	STAMAN	20 CO	132 *	131 *	131	135 *	135	
PLNKLD	LOADT	STAMAN	18 CO	51 IO	73				
PLNKLD	SAVTMS	STAMAN	10 CO	14 IO					
PLNKLD	TVTRIM	STAMAN	20 CO	114 IO					
PLNKLD	WRMANU	STAMAN	12 CO	20 EQ	20 EQ				
PLNKL1	WRMANU		19 TY	20 EQ	31 IO				
PLNKL2	WRMANU		19 TY	20 EQ	38 IO				
PMMT	LOADT		31 TY	51 IO	71				
PMOM	AFTRIM	ANDDIT	2 CO	79 *					
PMOM	ANAL	ANDDIT	2 CO	48	49	50	65	66	67
PMOM	FOCUS	ANDDIT	2 CO	43 *					
PMOM	GRPCNT	ANDDIT	2 CO	34	35				
PMOM	TVTRIM	ANDDIT	2 CO	114 IO	129	136 *	262		
PMOM	WRUPTM	ANDDIT	2 CO	108					
PMOMN	AZMUTH	ANDDIT	4 CO	7 TY	142 *	142			
PMOMN	FOCUS	ANDDIT	2 CO	5 TY	44				
PMOMN	ITRGT	ANDDIT	2 CO	5 TY	114 *	141 *	141	154	
PMOMN	POPFOD	ANDDIT	2 CO	5 TY	25	39 IO			
PMREXT	XSTINT	STRIMA	6 CO	22 *	23 *				
PMREXT	XSTORE	STRIMA	9 CO	32	32	33	33	34	34
PMS	POPFOD	PYLON	78	78	80	80	80	84	84
PMS	POPFOD	PYLON	63	63	65	65	69	69	69
PMS	POPFOD	PYLON	25	25	39 IO	57	57	57	57
PMS	POPFOD	PYLON	69	71	71	78	78	78	78
PMS	POPFOD	PYLON	84	84	84	84	86	86	86
PMS	POPFOD	PYLON	57	57	59	59	59	63	63
PMS	POPFOD	PYLON	12 CO	22 *	23 *	25	25	25	25
PMS	PYLACC	PYLON	11 CO	23	24	25			
PMSS	ITROT		35 TY	151 *	152 *	154	154	154	154
PMSS	ITRCT		154	154					
PMSTB	STBFNM		166 *	177	178	179			

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
PWSTR	WING		107 *	129	130	131			
PWDOUT	STAB	PYLON	8 CU	68 *	103				
PXE	BUTFLT		4 TY	24 *	26	60 *	61		
PXETVT	PXETVT		1						
PXETVT	TRIM		60 SN	114 SN					
PXM120	WXMANU		19 TY	20 EQ	29 IO				
PXM141	WXMANU		19 TY	20 EQ	36 IO				
PXM260	WXMANU		19 TY	20 EQ	36 IO				
PXP	WXOPTM		120	123 *	123	124 *	124	126 *	128 IO
PYP	WYOPTM		90 *	91 *	98 *	99 *	100 *	101 *	102 *
PYP	WYOPTM		81 *	84 *	85 *	86 *	89 *	89	89
PYP	WYOPTM		55	57 *	58 *	59	60 *	60	61 *
PYP	WYOPTM		110 *	111	114 *	114	115 *	115	117 *
PYP	WYOPTM		103 *	104 *	105 *	106 *	107 *	108 *	109 *
PYP	WYOPTM		61	62 *	71 *	72 *	73 *	77 *	78 *
PYP	WYOPTM		35 TY	36 EQ	40 *	43 *	44 *	45 *	46 *
PYP	WYOPTM		128 IO	128 IO	128 IO	128 IO	128 IO	128 IO	
PYP	WYOPTM		47 *	49 *	50 *	51 *	52 *	55 *	55
PYP26	WYOPTM		35 TY	36 EQ	129 IO				
PYST8Z	STBFNM	STARAN	26 CC	94	95				
PYSTBZ	STBZIN	STARAN	18 CC	79 *	82 *	85	86	87	88
PYWING	STBZIN	STARAN	19 CC	57 *	58 *	59 *	60 *		
PYWING	WING	STARAN	22 CC	45	46				
PYWING	ZCHB	STARAN	17 CU	89 *					
PSDD	ANAL	MANAL	10 CC	47	64				
PSDD	AZMINT	MANAL	10 CC	90					
PSDD	DERIV	MANAL	9 CU	81	159				
PSDD	FUSACC	MANAL	5 CC	47 *	48 *	48			
PSDD	ITHET	MANAL	12 CC	175					
PSDSQZ	AZMUTH	ANDOIT	5 CC	64					
PSDSQZ	ROTAN	ANDOIT	3 CC	40 *					
PSD2	AZMUTH	STARAN	2 TY	28 CU	112	118	121 IO		
PSD2	QSMDPF	STARAN	18 CC	24	25	30	33	34	
PSD2	SWSHAT	STARAN	22 CC	57 *	60	61			
PSD3GP	MNEM	STRIAB	22 CC	89 *					
PSD3GP	RTINIT	STRIAB	22 CC	32 *	33				
PSD553	GRPSHP	STRIMA	20 CC	29	41	53			
PSD553	QUAN	STRIMA	21 CC	82 *					
PSD553	RTINIT	STRIMA	25 CC	38 *					
PSD553	WRTMNV	STRIMA	11 CU	27					
PSI	FLOPH		30 *	31	32				
PSI	NOPS		15 *	16	17				
PSI	PXETVT		76 *	77	78	95 *	96	96	
PSI	QUAN		77 *	78	79				
PSID	AFTHIM	MANAL	12 CC	59	69				
PSID	AJACOB	MANAL	8 CU	85	85				
PSID	AZMINT	MANAL	10 CC	52					
PSID	AZMUTH	MANAL	13 CC	136					
PSID	CNTM	MANAL	3 CC	17					
PSID	CONSTJ	MANAL	3 CC	46					
PSID	DERIV	MANAL	9 CC	79	81	82	88	94	
PSID	FLPSTP	MANAL	3 CC	13					
PSID	GRPSHP	MANAL	10 CC	31	43				
PSID	HELSP	MANAL	7 CU	32	39				
PSID	INPED	MANAL	6 CU	54					
PSID	INPL	MANAL	7 CU	79	122	130			
PSID	INSTAB	MANAL	5 CC	65					
PSID	INTFRQ	MANAL	2 TY	9 CC	22				
PSID	MANU	MANAL	8 CC	28	28				
PSID	NOFDHS	MANAL	3 CC	36	37				
PSID	MNEM	MANAL	8 CU	91	87 *	88 *	145	147	149
PSID	MODAL	MANAL	7 CU	35	48				
PSID	PXETVT	MANAL	8 CC	80	82	88	88		
PSID	QSEDPF	MANAL	9 CU	23					
PSID	QUAN	MANAL	5 CC	35 *	36 *	36	46	82	
PSID	ROTAN	MANAL	12 CC	39					
PSID	RTINIT	MANAL	6 CC	34 *	38	40 *	40		
PSID	SHKCTL	MANAL	7 CC	24	38	39	45		
PSID	SIVAH	MANAL	6 CC	113					
PSID	STAB	MANAL	3 CC	117					
PSID	SWSRAT	MANAL	12 CC	57					
PSID	TIMEP	MANAL	5 CC	42					
PSID	TVTHIM	MANAL	13 CC	76	76	79	178	204	243
PSID	UNSTED	MANAL	2 TY	12 CU	102	102	102	102	105
PSID	UNSTED	MANAL	106	106	129	130			
PSID	VARI	MANAL	8 CC	140	151				
PSID	WRCPTM	MANAL	11 CU	44	110	111	126		
PSIDEG	AZMINT	MANAL	10 CC	29 *					
PSIDEG	AZMOUT	MANAL	7 CC	33 IO					
PSIDEG	SAVTHS	MANAL	5 CC	14 IO					

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
PSIDII	MDRDRS		36 *	58	59				
PSIDI2	MDRDRS		37 *	60	61				
PSIDLT	TVTRIM		72 *	77 *	78	116	117	118	
PSIDSQ	AZMINT	ANDDIT	5 CO	53	90				
PSIDSQ	ITRGT	ANDDIT	3 CO	34	54				
PSIDSQ	MODAL		35 *	42					
PSIDSQ	RDTAN	ANDDIT	3 CO	39 *	43				
PSIDSQ	SHRCTL	ANDDIT	3 CO	33	46				
PSIG	LOADT		48 *	52	54 *				
PSIN	AZMINT	STAMAN	24 CC	27 *	28	28 *	28	29	40
PSIN	AZMINT	STAMAN	46		46				
PSIR	AZMUTH	STAMAN	28 CC	95					
PSIN	SHRCTL	STAMAN	16 CO	28	55				
PSINEF	AZMINT	MANAL	12 CC	27					
PSINEF	DERIV	MANAL	11 CC	80	96	97 *	98 *	98	101
PSINEF	FLOAT	MANAL	7 CO	19 *	19	30			
PSINEF	LOADT	MANAL	13 CO	51 IO	52	52	54		
PSINEF	MNEM	MANAL	13 CO	106 *	110	111			
PSINEF	NCPS	MANAL	5 CO	15					
PSINEF	PRETVT	MANAL	10 CO	76	85				
PSINEF	QUAN	MANAL	8 CO	62 *	65 *	77			
PSINEF	TIMEP	MANAL	7 CO	40	55				
PSINEF	TVTRIM	MANAL	160 *	206 *	224	225			
PSINEF	TVTRIM	MANAL	15 CO	109 *	110	114 IO	116	117	118
PSINEF	ZERO	MANAL	10 CO	49 *	96	97	100		
PSISTP	DERIV	STAMAN	16 CO	80	96	97	100		
PSISTP	MNEM	STAMAN	14 CO	96 *	106				
PSISTP	RESTRT	STAMAN	27 CO	75 *					
PSISTP	SIVAR	STAMAN	12 CO	95 *					
PSIV	AZMUTH		2 TY	58 *	59 *	60	61		
PSII	MANU		52 *	53					
PSII	RDTAN		47 *	48					
PSII	WRMANU		41 *	42					
PSIIST	TVTRIM		110 *	111 IO					
PTAOUT	PTBOUT		1						
PTBOUT	START		78 SN						
PUNCH	MODES		131 SN						
PUNCH	PUNCH		1						
P#GSTB	MODES	STAMAN	11 CO	34					
P#GSTB	STBFNM	STAMAN	26 CO	56	56				
P#GSTB	STBZIN	STAMAN	18 CO	78 *					
P#GWKI	STBFNM	STAMAN	19 CO	64					
P#GWKI	STBZIN	STAMAN	13 CO	91 *					
PYACC	DERIV	PYLON	14 CO	157	157	159	159	159	
PYACC	ITRGT	PYLON	17 CO	173	173	175	175	175	
PYACC	PYLACC	PYLON	30	30	30				
PYACC	PYLACC	PYLON	11 CO	21 *	25 *	25	29	29	29
PYACC	SHRPYL	PYLON	12 CO	23	24	26	33	33	
PYACC	SWSRAT	PYLON	17 CO	60	61				
PYACC	ZERO	PYLON	13 CO	66 *					
PYACCF	DERIV		157 *	159					
PYACCF	ITRGT		173 *	175					
PYDISP	ANAL	PYLON	59	59	60	60	60		
PYDISP	ANAL	PYLON	15 CO	41	41	41	42	42	42
PYDISP	ANAL	PYLON	43	43	43	58	58	58	59
PYDISP	GPSHFT	PYLON	11 CO	24	25	26	27	37	38
PYDISP	GPSHFT	PYLON	39	40					
PYDISP	GRPCNT	PYLON	15 CO	52	53	61	62		
PYDISP	INIT	PYLON	11 CO	04					
PYDISP	PYLACC	PYLON	11 CO	19 *	23 *	23			
PYDISP	SWSRAT	PYLON	17 CO	26	27				
PYDISP	ZERO	PYLON	13 CO	64 *					
PYFQSQ	MODRDRS	PYLON	90	91					
PYFQSQ	MODRDRS	PYLON	8 CO	84	85	86	87	88	89
PYFQSQ	POPFOO	PYLON	12 CO	37	39 IO	43			
PYFQSQ	PYLINT	PYLON	11 CO	33 *					
PYFQSQ	ZERO	PYLON	13 CO	76 *					
PYHSMR	SHRPYL		23 *	29 *	29	34 *	38		
PYHURG	LOADT	PYLON	16 CO	51 IO	75				
PYHURG	PYLACC	PYLON	11 CO	29 *	30 *				
PYHURG	SAVTHS	PYLON	9 CO	14 IO					
PYHURG	TVTRIM	PYLON	18 CO	111 IO	114 IO				
PYHURG	WRMANU	PYLON	10 CO	20 EQ	20 EQ				
PYHURG	ZERO	PYLON	13 CO	67 *					
PYLACC	POPFOO		96 SN						
PYLACC	PYLACC		1						
PYLACC	STAB		72 SN	107 SN					
PYLCRO	PYLACC	PYLON	11 CO	36					
PYLCRO	PYLINT	PYLON	11 CO	24 *					
PYLCRO	ZERO	PYLON	13 CO	73 *					

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TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
PYLCR1	PYLACC	PYLON	11 CO	37					
PYLCR1	PYLINT	PYLON	11 CO	25 *					
PYLCR1	ZERO	PYLON	13 CO	74 *					
PYLCR2	PYLACC	PYLON	11 CO	38					
PYLCR2	PYLINT	PYLON	11 CO	26 *					
PYLCR2	ZERO	PYLON	13 CO	75 *					
PYLDD	PDPFDD		19 TY	91 SA	93				
PYLDMP	PYLINT	PYLON	11 CO	23 *	34				
PYLDMP	ZERO	PYLON	13 CO	72 *					
PYLDRG	FUSENM	STARAN	18 CO	142	143				
PYLDRG	INFO	STARAN	19 CO	135 *					
PYLFF	PDPFDD		19 TY	25 *	37	39 IO	63		
PYLFNF	PDPFDD	PYLON	12 CO	29	47 *				
PYLFRQ	MPCNTL	PYLON	4 CO	30					
PYLFRQ	PYLINT	PYLON	11 CO	22 *	33	34			
PYLFRQ	ZERO	PYLON	13 CO	71 *					
PYLGRP	INIT	PYLON	11 CO	57 *	64 *				
PYLGRP	SAVTMS	PYLON	3 CO	14 IO					
PYLINC	MPCNTL		14 *	29	30				
PYLINT	INFO		141 SN						
PYLINT	PYLINT		1						
PYLMOM	AJACOB	MANAL	111	112	113	114			
PYLMOM	AJACOB	MANAL	9 CO	97	98	107	109	109	110
PYLMOM	INSTAU	MANAL	5 CO	109	110	111	112	113	114
PYLMOM	INSTAB	MANAL	115	116					
PYLMOM	ITRGT	MANAL	12 CO	156 *					
PYLMON	STAB	MANAL	3 CO	146	147	148	149	150	151
PYLMON	STAB	MANAL	152	153					
PYLMS	INFRMP	PYLON	23	24	24	33	30	30	30
PYLMS	INFRMP	PYLON	30	30	42	42	42	42	54
PYLMS	INFRMP	PYLON	8 CO	19	20	21	21	22	23
PYLMS	INFRMP	PYLON	54	54	54	54	54		
PYLMS	ITRGT	PYLON	17 CO	151	151	151	152	152	152
PYLMS	PDPFDD	PYLON	12 CO	22	22	22	23	23	23
PYLMS	PYLINT	PYLON	11 CO	27 *	28 *	29 *	30 *	31 *	32 *
PYLMS	ZERO	PYLON	13 CO	69 *					
PYLMTX	PDPFDD		63 *	65 *	65	69 *	71 *	71	74
PYLMTX	PDPFDD		78 *	80 *	80	84 *	86 *	86	88 *
PYLMTX	PDPFDD		19 TY	29 *	43 *	47	57 *	59 *	59
PYLMTX	PDPFDD		88	91 SA					
PYLN	RESTRT	PYLON	25 CO	55 IO	65 IO	109 IO	114 IO	136 IO	137 IO
PYLPTH	TIMEDD		22 TY	23 EQ	57 *	57			
PYLRGI	ITRGT	PYLON	17 CO	154					
PYLRGI	PDPFDD	PYLON	12 CO	37	39 IO	43			
PYLRGI	PYLINT	PYLON	11 CO	21 *	35				
PYLRGI	ZERO	PYLON	13 CO	73 *					
PYLSHR	SHRPYL		33 *	34	35				
PYLTOO	FOCUS	STARAN	12 CO	29					
PYLTOO	ITRGT	STARAN	20 CO	43	160				
PYLTOO	PYLACC	STARAN	12 CO	32 *	36 *	36			
PYLTOO	ZERO	STARAN	14 CO	50 *					
PYLTO1	FOCUS	STARAN	12 CO	30					
PYLTO1	ITRGT	STARAN	20 CO	43	161				
PYLTO1	PYLACC	STARAN	12 CO	33 *	37 *	37			
PYLTO1	ZERO	STARAN	14 CO	51 *					
PYLTO2	FOCUS	STARAN	12 CO	31					
PYLTO2	ITRGT	STARAN	20 CO	43	162				
PYLTO2	PYLACC	STARAN	12 CO	34 *	38 *	38			
PYLTO2	ZERO	STARAN	14 CO	52 *					
PYRMAS	INFRMP	PYLON	30	42	54				
PYRMAS	INFRMP	PYLON	8 CO	19	20	21	22	23	24
PYRMAS	PDPFDD	PYLON	78	90	84	86			
PYRMAS	PDPFDD	PYLON	12 CO	57	59	63	65	69	71
PYRMAS	PYLINT	PYLON	11 CO	35 *					
PYRMAS	ZERO	PYLON	13 CO	78 *					
PYVEL	AZMUTH	PYLON	18 CO	34	35				
PYVEL	PYLACC	PYLON	11 CO	20 *	24 *	24			
PYVEL	SWSRAT	PYLON	17 CO	40	58	59			
PYVEL	ZERO	PYLON	13 CO	65 *					
PYYSP	SHRPYL		19 *	26 *	37				
PYYSP	SHRPYL		24 *	30 *	30	35 *	39		
PY2DMP	WORDRS	PYLON	8 CO	62	63	64	65	66	67
PY2DMP	WORDRS	PYLON	68	69					
PY2DMP	PDPFDD	PYLON	12 CO	43					
PY2DMP	PYLINT	PYLON	11 CO	34 *					
PY2DMP	ZERO	PYLON	13 CO	77 *					
PQ1DTR	LIZL	STAMAN	19 CO	72 *					
PQ1DTR	XCENIN	STAMAN	12 CO	41	44	103			
Q			17 *	18	19	20	21	22	
Q	ATMINT	MANAL	6 CO	46 *					

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TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS					
C	HLMINT	MANAL	7 CO	68				
C	FUSFNM	MANAL	3 CO	127				
C	MARM		18 *	20				
C	STBZIN	MANAL	8 CO	30				
C	WHINST	MANAL	5 CO	46				
C	XSTORE	MANAL	3 CO	57				
CBRAKE	DERIV	STAMAN	16 CO	88 *	89 *	89	90	91	92
CBRAKE	TIMLP	STAMAN	11 CO	81 *				
CHSCA	SLMINT	MANAL	10 CO	68 *				
CJSCA	RADIAL	MANAL	13 CO	63	92	126			
CL	AJACOB	MANAL	7 CO	84				
CL	ANAL	MANAL	9 CO	108 *	119				
CL	DERIV	MANAL	8 CO	41					
CL	FLRINT	MANAL	2 CO	25					
CL	FUSACC	MANAL	4 CO	22					
CL	STAB	MANAL	2 CO	140					
CL	SUPERP	MANAL	2 CO	29					
CL	TIMLP	MANAL	4 CO	64					
CL	WRFM	MANAL	5 CO	41 10	98 SA				
CLD	DERIV	MANAL	12 CO	41 *	44	44 *			
CLD	FUSACC	MANAL	8 CO	37					
CLS	DERIV	STAMAN	15 CO	41					
CLS	TIMLP	STAMAN	10 CO	64 *					
CM	AJACOB	MANAL	7 CO	83					
CM	ANAL	MANAL	9 CO	109 *	120				
CM	DERIV	MANAL	8 CO	42					
CM	FLRINT	MANAL	2 CO	26					
CM	FUSACC	MANAL	4 CO	35					
CM	STAB	MANAL	2 CO	138					
CM	SUPERP	MANAL	2 CO	41					
CM	TIMLP	MANAL	4 CO	65					
CM	WRFM	MANAL	5 CO	41 10	98 SA				
CMAX	DERIV	STRIMA	27 CO	32	55	60	60	64	64
CMAX	JFBGIN	STRIMA	23 CO	95 *	96 *	112			
CMAX	VARI	STRIMA	16 CO	120					
CMAX	WPTMNV	STRIMA	11 CO	27					
CMD	DERIV	MANAL	12 CO	42 *	45	45 *			
CMD	FUSACC	MANAL	8 CO	43					
CMR	AFTRIM	STRIMA	27 CO	95 *	96				
CMR	DERIV	STRIMA	91	110					
CMR	DERIV	STRIMA	27 CO	47 *	50	68	75	88	91 *
CMR	GRPSHP	STRIMA	20 CO	53	54				
CMR	TIVAR	STRIMA	8 CO	21					
CMRS	AFTRIM	STRIMA	27 CO	96 *					
CMRS	DERIV	STRIMA	76 *	76	110				
CMRS	DERIV	STRIMA	27 CO	50 *	68 *	69 *	69	70	75 *
CMRS	GRPSHP	STRIMA	20 CO	49					
CMRS	VARI	STRIMA	16 CO	121 *					
CMRSA	DERIV	STAMAN	76						
CMRSA	DERIV	STAMAN	15 CO	32	55 *	60	61	62	70 *
CMRSA	JFBGIN	STAMAN	11 CO	112 *					
CMRSA	VARI	STAMAN	13 CO	120 *	121				
CMRSA1	DERIV		61 *	64	64 *	69			
CMRSA2	DERIV		62 *	63	63 *	69			
CMS	DERIV	STAMAN	15 CO	42					
CMS	TIMLP	STAMAN	10 CO	65 *					
CN	AJACOB	MANAL	7 CO	82					
CN	ANAL	MANAL	9 CO	110 *	121				
CN	DERIV	MANAL	8 CO	43					
CN	FLRINT	MANAL	2 CO	27					
CN	FUSACC	MANAL	4 CO	23					
CN	STAB	MANAL	2 CO	141					
CN	SUPERP	MANAL	2 CO	53					
CN	TIMLP	MANAL	4 CO	66					
CN	WRFM	MANAL	5 CO	41 10	98 SA				
CND	DERIV	MANAL	12 CO	43 *	46	46 *			
CND	FUSACC	MANAL	8 CO	38					
CNS	DERIV	STAMAN	15 CO	43					
CNS	TIMLP	STAMAN	10 CO	66 *					
CP	HRESP		71 *	72	74 *	76			
CQQ	DERIV	STAMAN	15 CO	48	49				
CQQ	LIZE	STAMAN	18 CO	128 *					
CQQ	MILT	STAMAN	8 CO	28 *					
CQQ	VARI	STAMAN	13 CO	26 *	27 *	119 *			
CREACT	ANAL		47 *	48	49	50			
CREATT	ANAL		64 *	65	66	67			
CSBOPF	DERIV		171 SN						
CSBOPF	USRDPF		1						
CSTBZ	GUST	STRIMA	21 CO	42	44	76	87		
CSTBZ	MODES	STRIMA	21 CO	31	33	34			

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
GSTBZ	STBFNM	STRIMA	31 CC	45	50	158			
GSTBZ	STBZIN	STRIMA	26 CC	30 *	63 *	63			
GSTBZ	VORGST	STRIMA	21 CO	42	53	84	94		
GSTHZ	WING	STRIMA	26 CC	31	104	163			
GSTHZ	WRIM	STRIMA	15 CO	26	27	29	58	65	
GSTHZ	WRINST	STRIMA	19 CC	46	47				
GSTBZ	WSHDUF	STRIMA	9 CO	13					
GSTBZ	ZLLCAL	STRIMA	12 CC	18	38				
GSV1	INSTAB	STRIAB	21 CC	127 *					
GSV1	JACOBI	STRIAB	14 CC	53					
GSV1	LIZE	STRIAB	29 CC	149 *					
GSV1	STAB	STRIAB	17 CC	119	120	133			
GSV2	STAB		118 *	119	123	124			
GSV3	STAB		123	124 *	133				
GTRIM	ITRIM	STRIAB	20 CC	22 TY	64	65			
GTRIM	LIZE	STRIAB	29 CO	31 TY	77 *				
GTRIM	PRETVT	STRIAB	20 CO	22 TY	34 *				
GJAD	DERIV		66 *	67 *	68	73 *	74 *	75	
GJAD1	DERIV	STAMAN	15 CO	68	75				
GJAD1	MANU	STAMAN	14 CO	64 *	68 *				
GUAN	DERIV		34 SN						
GUAN	MANU		56 SN						
GUAN	QUAN		1						
GVB	FUSFNM		127 *	132	133	134	135	136	137
GVB	FUSFNM		142	143					
GXBRAK	DERIV	STAMAN	16 CC	89	90	92			
GXBRAK	RESTRT	STAMAN	27 CC	74 *					
GXBRAK	SIVAR	STAMAN	12 CO	96 *					
GXT	XSTORE		57 *	58	59	60			
G0	CLCD		136						
G0	CLCD		104 *	105	105	106	134 *	135	135
G1	AJACOB		37 *	40					
G1	CLCD		105 *	110	111	135 *	140	141	
G1	HRESP		39 *	41	47				
G1	RADBGN		2 TY	73 *	75				
G1	RADIAL		157 *	159					
G1	SIVAR		172 *	173	173				
G1	VIND		23 *	24	24	25	27	36	
G1	WRINST		47 *	48	49	51	52	53	
G2	AJACOB		38 *	39	40	41			
G2	CLCD		110 *	111	112	140 *	141	142	
G2	HRESP		40 *	41	48				
G2	RVRGST		38 *	39					
G2	VIND		24 *	26					
G2	VORGST		75 *	76					
G2	WRINST		48 *	56					
G3	AJACOB		39 *	41					
G3	HRESP		41 *	42	47	48			
G3	RVRGST		39 *	40	41				
G3	VIND		25 *	26					
G3	VORGST		76 *	77	78				
G3	WRINST		49 *	54	57				
G4	AJACOB		40 *	41	41				
G4	VIND		26 *	27	28				
G5	VIND		27 *	36					
G6	VIND		28 *	36					
F			42 TY	42 TY					
F			42						
F	ALLMAT		40	42	43	119 *	123	124	129
F	ALLMAT		130	137	137	138			
F	ALLMAT		8 TY	16 *	17	18	22	27	30
F	AZMINT	MANAL	10 CC	55					
F	DERIV	MANAL	9 CO	161					
F	ELMINT	MANAL	3 CO	30	30				
F	GRPRTH	MANAL	7 CO	34	35	52	53		
F	INBLD	MANAL	54	55	56				
F	INBLD	MANAL	6 CO	22	23	27	32	34 *	40
F	INBMSS	MANAL	6 CO	26	28				
F	INRO	MANAL	132	133	165				
F	INRO	MANAL	7 CO	35 *	36	37 *	126	128	133
F	ITROT	MANAL	12 CO	118	119	178			
F	MANU	MANAL	8 CC	40	61				
F	MNEM	MANAL	8 CO	58					
F	MODAL	MANAL	7 CO	37	64	64			
F	PRETVT	MANAL	8 CO	66	67				
F	QUAN	MANAL	6 CO	46					
F	SWSHAT	MANAL	12 CC	56	64	65	68		
F	TIMLP	MANAL	5 CO	32	33				
F	TVTRIM	MANAL	13 CO	116	117	118	180	188	
F	VIND	MANAL	3 CO	20	39				

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
R	VTFFA	MANAL	3 CO	10					
R	#NUPTM	MANAL	120	121					
R	#NUPTM	MANAL	11 CO	51	61	78	111	112	117
R	#RRBK	MANAL	8 CO	39					
RAD	UNSDER		45 *	48 *	50				
RADBGN	RADBGN		1						
RADBGN	RADIAL		43 SN						
RADIAL	AZMUTH		80 SN						
RADIAL	RADIAL		1						
RADOUT	RADIAL		186 SN						
RADOUT	RADOUT		1						
RAERO	CDCL	STARAD	72	75	75	75	75	105	106
RAERO	CDCL	STARAD	2 TY	15 CO	23	24	25	26	27
RAERO	CDCL	STARAD	28	29	30	31	32	33	34
RAERO	CDCL	STARAD	62	65	65	65	72	72	
RAERO	CDCL	STARAD	107	157	189	191	192	193	
RAERO	RADIAL	STARAD	2 TY	18 CO	48	50	52	52	52
RAERO	RADIAL	STARAD	58	126					
RAERO	START	STARAD	18 CO	62 SA					
RAERO	YRINIT		1	2 TY	10 *	14	14 *	15 *	16
RAERO	YRINIT		21	21	21	21	23	24 *	25 10
RAERO	YRINIT		27	28	28	29	29	30 *	30
RAERO	YRINIT		54 *	55	57 *	60	61 *	64	65 *
RAERO	YRINIT		30	31 *	31	31	32 *	32	32
RAERO	YRINIT		16 *	17	18 *	19 10	21	21	21
RAERO	YRINIT		68 *	68	68	68	68	68	
RAERO	YRINIT		43 *	44 *	44	44	45 *	52 *	53 *
RAERO	YRINIT		32	32	38 *	39 *	40 *	41 *	42 *
RAMG	CDCL		2 TY	55 *	89 *	104	118		
RANGE	INSTAB	STRIMA	24 CO	147					
RANGE	SWAS	STRIMA	11 CO	24					
RANGE	TILT	STRIMA	11 CO	23 *	28 *				
RANGE	TRIM	STRIMA	25 CO	37					
RANGES	INSCAS	STRIMA	12 CO	24	25	26			
RANGES	INSTAB	STRIMA	25 CO	147	148	149	150		
RANGES	SIVAR	STRIMA	21 CO	38	80	143			
RANGES	XCENIN	STRIMA	15 CO	39 *					
RATE	MTLT		1	17	35				
RATE	VARI		43 *	44 *	45 *	46 *	47	72	79
RATE	VARI		145	179 *	180 *	182	183		
RATE	VARI		43	87	96 SA	133 *	134	136 SA	144 *
RATE	VTFFA		1	10					
RATE1	GUST	MANAL	4 CO	53					
RATE1	RGUST	MANAL	8 CO	54					
RATE1	SIVAR	MANAL	7 CO	59 *	60 *				
RATE2	GUST	MANAL	4 CO	57					
RATE2	RGUST	MANAL	8 CO	51					
RATE2	SIVAR	MANAL	7 CO	61 *	62 *	64			
RATIO	CORR		16 *	23	24 *	30	32	35 10	
RATIOA	MBAL		55 *	57	59 10	65 10			
RATIOB	MBAL		56 *	58	59 10	65 10			
RATIO1	CORR		17 *	22 *	23	24			
RC	MNEM	STAMAN	13 CO	31 *	32 *	33 *	33		
RC	TILT	STAMAN	8 CO	50	51	55			
RCC	SUPERP		75 *	79					
RCDER	SUPERP		66 *	67					
RCRF	AVRGST	STRIMA	15 CO	33	34				
RCRF	SIVAR	STRIMA	21 CO	171 *	173 *				
RCRF	VURGST	STRIMA	21 CO	70	71				
RCWING	STBFNM	STAPAN	25 CO	65					
RCWING	STOZEN	STAPAN	17 CO	65 *	66 *				
RCWING	WING	STAMAN	20 CO	116					
RD	ALSTAB	STBD	9 CO	69					
RD	LUMAT	STBD	2 CO	42 10	49 10	54 10	60 10	66 10	72 10
RD	MDRDRS	STBD	37	58 *	58	59 *	59	60 *	60
RD	MDRDRS	STBD	47 *	47	48 *	48	49 *	49	50 *
RD	MDRDRS	STBD	40 *	40	41 *	41	42 *	42	43 *
RD	MDRDRS	STBD	9 CO	22 *	25 *	38 *	38	39 *	39
RD	MDRDRS	STBD	68 *	68	69 *	69	102 *	103 *	110 *
RD	MDRDRS	STBD	54 *	54	55 *	55	56 *	56	57 *
RD	MDRDRS	STBD	64	65 *	65	66 *	66	67 *	67
RD	MDRDRS	STBD	50	51 *	51	52 *	52	53 *	53
RD	MDRDRS	STBD	111 *	112 *	113 *	120 *	121 *	128 *	129 *
RD	MDRDRS	STBD	61 *	61	62 *	62	63 *	63	64 *
RD	MDRDRS	STBD	43	44 *	44	45 *	45	46 *	46
RD	MODES	STBD	111	125 *	126 *				
RD	MODES	STBD	15 CO	53 *	101 *	101	104 *	104	111 *
RD	NUMTF	STBD	3 CO	41					
RD	PUNCH	STBD	8 CO	16 EQ					
RD	SWAP	STBD	2 CO	12	52				

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
#DAMP	PHSMAG		42 *	50 *	53 IO				
#DA1	MBAL		33 *	42	43	59 IO	65 IO		
#DB1	MBAL		34 *	47	48	59 IO	65 IO		
#DELT1	MANU	MANAL	10 CO	30 *	31	64	67		
#DELT1	TVTRIM	MANAL	15 CO	83 *	84	195			
#DELT2	MANU	MANAL	10 CO	31 *	63	68			
#DELT2	MTLT	MANAL	5 CO	27					
#DELT2	TVTRIM	MANAL	15 CO	84 *	191				
#DIFFR	INBLD		32 *	33					
#DOT	RADIAL		174 *	175					
#EADIN			55 SN						
#EADIN	READIN		1						
#EADIN	START		38 SN						
#EAL	FRQRES		17	23	29	32			
#EAL	NUMRTF		76						
#EAL	PHSMAG		71	75	79				
#ED	#AG		1	10 *	32 *	32			
#ED	#ING		121 SA	125 SA	127				
#EDATB	JSTRED		37 SN						
#EDATB	REDATB		1						
#EDRMS	JSTRED		69 SN	102 SN					
#EDRMS	REDRMS		1						
#EDCL	REDATB		14 SN	15 SN	16 SN				
#EDCL	REDCL		1						
#EDCL	REDFTB		5 SN	8 SN					
#EDFTB	JSTRED		129 SN						
#EDFTB	REDFTB		1						
#EDID	JSTRED		33 SN	43 SN	56 SN	67 SN	77 SN	90 SN	100 SN
#EDID	JSTRED		174 SN	183 SN	191 SN	199 SN	205 SN	210 SN	216 SN
#EDID	JSTRED		110 SN	119 SN	124 SN	134 SN	144 SN	154 SN	164 SN
#EDID	JSTRED		221 SN	226 SN	231 SN	236 SN			
REDID	REDATB		12 SN						
#EDID	REDID		1						
#EDID	REDR#K		22 SN						
#EDID	REDS#K		11 SN						
#EDR#K	JSTRED		115 SN						
#EDR#K	REDR#K		1						
#EDS#K	JSTRED		116 SN						
#EDS#K	REDS#K		1						
#ENTH	AVRGST	STRIMA	15 CO	38					
#ENTR	SIVAR	STRIMA	21 CO	174 *	178				
#ENTR	VORGST	STRIMA	21 CO	75					
#ENTSQ	AVRGST	STRIMA	15 CO	26					
#ENTSQ	SIVAR	STRIMA	21 CO	178 *					
#ENTSQ	VORGST	STRIMA	21 CO	67					
#ES	OUTFLT		58	59					
#ES	OUTFLT		5 TY	38 *	43 *	43	47 *	47	52
#ESIM	OUTFLT		4 TY	59 *	67				
#ESRE	OUTFLT		4 TY	58 *	66	68			
#ESTRT	MANU		25 SN						
#ESTRT	RESTRT		1						
#EST1	RESTRT		52						
#EST1	TIMLP		73 SN						
#EST2			57 SN						
#EST2	RESTRT		86						
#EST3	MNEM		102 SN						
#EST3	RESTRT		111						
#EWIND	JSTRED		70	103					
#EWIND	READIN		60						
#EWIND	REDATB		17						
#EWIND	TVTRIM		48						
#F	SUPERP		76 *	80					
#FMUM	TVTRIM		137	138	139	140	258 *	258	259 *
#FMUM	TVTRIM		16 TY	104 *	132	133	134	135	136
#FMUM	TVTRIM		266						
#FMUM	TVTRIM		259	260 *	260	261 *	261	262 *	262
#FMUM	TVTRIM		263 *	263	264 *	264	265 *	265	266 *
#GI	AZMUTH	STARAN	2 TY	27 CO	112	121 IO	122 IO		
#GI	DERIV	STARAN	21 CO	159	165	166			
#GI	INPTR	STARAN	17 CO	45 *	50 *	53 *			
#GI	ITROT	STARAN	23 CO	175	182	183			
#GI	ZERO	STARAN	17 CO	131 *					
#GUST	#AUBGN		67 SN						
#GUST	#GUST		1						
#HO	ATMINT	INSTAR	2 CO	45 *	46				
#HO	INHO	INSTAR	3 CO	132					
#HO	UNSTED	INSTAR	2 TY	8 CO	122				
#HO	#HOPTM	INSTAR	7 CO	111					
#HOIXX	#LMINT	INSTAR	3 CO	36 *	57 *	65			
#HOIXX	#UDAL	INSTAR	3 CO	62					

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS					
AMULYY	BLMINT	INSTAR	3 CO	37 *	54 *	65		
AMULYY	MODAL	INSTAR	3 CO	62				
AMUYX	MODAL	STAMAN	15 CO	62 *				
AMUYX	RADIAL	STAMAN	18 CC	132				
AIGID	AUPEDD	MANAL	11 CO	24				
AIGID	FLOKP	MANAL	5 CO	28				
AIGID	HRESP	MANAL	4 CC	58	79			
AIGID	INNO	MANAL	3 CC	74 *	75 *	144		
AIGID	INRTN	MANAL	9 CC	43				
AIGID	ITHOT	MANAL	13 CC	188				
AIGID	MNEM	MANAL	9 CO	117 *				
AIGID	MODAL	MANAL	8 CO	56				
AIGID	MPCNTL	MANAL	3 CC	53				
AIGID	NPRTN	MANAL	3 CC	16				
AIGID	NUPS	MANAL	4 CC	26				
AIN	RVHGST	STRIMA	15 CO	38	38			
AIN	SIVAR	STRIMA	21 CC	175 *	179			
AIN	VURGST	STRIMA	21 CC	75	75			
AINSQ	RVHGST	STRIMA	15 CC	37				
AINSQ	SIVAR	STRIMA	21 CC	179 *				
AINSQ	VORGST	STRIMA	21 CO	74				
AITORS	DERIV	STAMAN	16 CO	110				
AITORS	LIZE	STAMAN	19 CC	129 *				
AITORS	MNEM	STAMAN	14 CC	129 *				
AIXLST	BLMINT		29 *	57	60 *			
AIXNXT	BLMINT		43 *	51 *	57	60		
AIY	FUSACC	STAMAN	10 CO	35	40			
AIY	MNEM	STAMAN	13 CC	132 *	138 *			
AIYLST	BLMINT		30 *	58	61 *			
AIYNXT	BLMINT		44 *	50 *	58	61		
AL	SUPERP		77 *	81				
AL	UNSTED		2 TY	122 *	123	123 *	125	
ALADT	AZMINT		56 *	61 *	61	63		
ALAT	AZMINT		57 *	60 *	60	63	89	
ALLA	AZMINT	STAMAN	23 CC	60	61			
ALLA	AZMUTH	STAMAN	2 TY	27 CO	112	120	121 IC	
ALLA	BNSINT	STAMAN	20 CC	38 *				
ALNK	SWAS	STAMAN	41	42	43	44	44	44
ALNK	SWAS	STAMAN	79	79	79	80	80	80
ALNK	SWAS	STAMAN	88	89	90	91	91	91
ALNK	SWAS	STAMAN	61	61	61	62	62	62
ALNK	SWAS	STAMAN	54	55	56	57	58	59
ALNK	SWAS	STAMAN	72	73	74	75	76	77
ALNK	SWAS	STAMAN	9 CO	25	31	31	32	32
ALNK	TILT	STAMAN	29	31 *	32 *			
ALNK	TILT	STAMAN	9 CO	15	26	27	27	28
ALNK	XCONIN	STAMAN	107 *	108 *	109 *	110 *	111 *	112 *
ALNK	XCONIN	STAMAN	12 CO	100 *	102 *	103 *	104 *	105 *
AM	ALSTAB	STBD	9 CO	52				
AM	IMFRMP	STBD	50	51 *	51	54 *	57 *	57
AM	IMFRMP	STBD	37	38 *	38	39 *	42 *	46 *
AM	IMFRMP	STBD	47 *	47	47 *	48	49 *	49
AM	IMFRMP	STBD	30 *	34 *	34	35 *	36 *	36
AM	IMFRMP	STBD	9 CO	19 *	21 *	21 *	22 *	23 *
AM	IOMAT	STBD	2 CO	8 IC	15 IO	20 IC	28 IO	32 IO
AM	MDPDRS	STBD	9 CO	100 *	101 *			
AM	MODES	STBD	15 CC	51 *	58 *	59 *	60 *	61 *
AM	MODES	STBD	110 *	110	123 *	124 *		
AM	MODES	STBD	84 *	85 *	95	100 *	100	103 *
AM	MODES	STBD	77 *	78 *	79 *	80 *	81 *	82 *
AM	MODES	STBD	63 *	64 *	65 *	66 *	67 *	68 *
AM	MODES	STBD	70 *	71 *	72 *	73 *	74 *	75 *
AM	NUMRTF	STBD	3 CO	22				
AM	PUNCH	STBD	8 CC	16 EQ				
AM	SWAP	STBD	2 CO	13	53			
AMASS	EXTERS	STRIMA	11 CO	62 *				
AMASS	FUSACC	STRIMA	16 CO	24	25	26		
AMASS	MNEM	STRIMA	25 CC	131 *	137 *			
AMASS	WRINST	STRIMA	18 CC	29	30	31		
AMI	ALSTAB		18 TY	19 TY	52 *	61 SA	68	
AMI	NUMRTF		8 TY	9 TY	22 *	24 *	25 *	27 *
AMI	NUMTTF		40					
AMI	SWAP		7 TY	39 *	41 *	42 *	44 *	45 SA
AMMT	LOADT		31 TY	51 IO	72			
AMUM	AFTRIM	ANDDIT	2 CO	79 *				
AMUM	ANAL	ANDDIT	2 CO	48	49	50	65	66
AMUM	FOCUS	ANDDIT	2 CO	44 *				
AMUM	GRPCNT	ANDDIT	2 CC	43	44			
AMUM	TVTRIM	ANDDIT	2 CO	114 IO	130	137 *	263	
AMUM	WROPTM	ANDDIT	2 CO	107				

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
AMOMN	AZMUTH	ANDDIT	4 CC	7 TY	143 *	143			
AMOMN	FOCUS	ANDDIT	2 CC	5 TY	44				
AMOMN	ITRDT	ANDDIT	2 CC	5 TY	115 *	142 *	142	154	
AMOMN	PDPFDD	ANDDIT	2 CC	5 TY	25	39 IC			
AMPLTH	VGUNS		17 *	19	20				
AOTAN	ANAL		36 SN	53 SN					
AOTAN	AOTAN		1						
AOTAN	THIN		105 SN						
AOTJ	AZMUTH	ANDDIT	4 CC	82	83				
AOTJ	ITHLT	ANDDIT	2 CC	137					
AOTJ	MGUST	ANDDIT	2 CC	40	77				
AOTJ	AOTAN	ANDDIT	2 CC	53 *					
AOTJ	SWSMAT	ANDDIT	2 CC	24 *	27	44	45	53	54
AOTJ	SWSMAT	ANDDIT	55						
AP	SUPERP		78 *	82					
APD	STAB	STBD	171	172 *	172				
APD	STAB	STBD	164 *	165 *	166 *	167 *	168 *	169 *	171 *
APD	STAB	STBD	15 CC	158 *	159 *	160 *	161 *	162 *	163 *
APD	WRSTAB	STBD	2 CC	51 IC	52 IC				
APEST	STRENM	STAMAN	45 CC	53 *	63				
APM	INTERC		2 TY	22 *	24	25			
APML	BMSINT	STAMAN	18 CC	61 *	68	69			
APML	INTERC	STAMAN	2 TY	15 CC	22	22			
APML	MODAL	STAMAN	18 CC	79 IC	79 IC	79 IC	79 IC	83 *	83
APML	ZERC	STAMAN	15 CC	53 *					
APMU	BMSINT	STAMAN	18 CC	62 *	70	71			
APMU	INTERC	STAMAN	2 TY	15 CC	22				
APMU	MODAL	STAMAN	18 CC	79 IC	79 IC	79 IC	79 IC	84 *	84
APMU	ZERC	STAMAN	15 CC	54 *					
AR1	ALLMAT		31	55	123 *	145	147	148	
AR1	ALLMAT		6 TY	17 *	20	21	29	31	32
AR1	ALLMAT		36	37	43	46	47	47	47
AR2	ALLMAT		8 TY	18 *	41	48	53	54	124 *
AR2	ALLMAT		140	144	150				
AR	RADBGN	ANDDIT	2 TY	4 CC	36 *				
AR	RADIAL	ANDDIT	4 CC	64	83	167			
AR	RADOUT	ANDDIT	2 CC	55					
AR	RGUST	ANDDIT	2 CC	39	40	41			
AREFSQ	RVRGST		25 *	26	37	38			
AREFSQ	VGRGST		66 *	67	74	75			
ARK	CHDINT	MANAL	9 CC	23	30	30	31		
ARK	INBLD	MANAL	9 CC	22 *	27 *	28	39 *	40	43 *
ARK	INRC	MANAL	10 CC	70					
ARK	MODAL	MANAL	10 CC	80					
ARK	RADBGN	MANAL	2 TY	15 CC	36				
ARK	RADIAL	MANAL	2 TY	13 CC	174	174			
ARK	SAVTMS	MANAL	6 CC	14 IC					
AS	ALSTAB	STBD	9 CC	70					
AS	IGMAT	STBD	2 CC	76 IC	83 IC	88 IC	94 IC	100 IC	106 IC
AS	MDRDRS	STBD	115 *	116 *	117 *	122 *	123 *	130 *	131 *
AS	MDRDRS	STBD	90 *	90	91 *	91	104 *	105 *	114 *
AS	MDRDRS	STBD	86	87 *	87	88 *	88	89 *	89
AS	MDRDRS	STBD	78 *	81 *	84 *	84	85 *	85	86 *
AS	MDRDRS	STBD	9 CC	70 *	71 *	72 *	73 *	74 *	75 *
AS	MODES	STBD	15 CC	52 *	102 *	102	105 *	105	112 *
AS	MODES	STBD	112	127 *	128 *				
AS	NUMRTF	STBD	3 CC	42					
AS	PUNCH	STBD	8 CC	16 FQ					
AS	SWAP	STBD	2 CC	11					
ASHR	AZMUTH		2 TY	139 *	140	141			
ASTIC	CLCD		42 *	43	54	56			
ASWPCH	FOCUS	STAMAN	16 CC	33	34				
ASWPCH	GRPNTR	STAMAN	19 CC	22	23	40	41		
ASWPCH	INRC	STAMAN	22 CC	72 *	73	73 *			
ASWPCH	ITRDT	STAMAN	24 CC	163	164				
ATBREK	UNSTED		2 TY	39 *	40	40 *	57	58	58
ATBREK	UNSTED		59						
ATINIT	RTINIT		1						
ATINIT	START		45 SN						
ATRCON	ITRIM	STAMAN	12 CC	110 SA					
ATRCON	LGCINT	STAMAN	14 CC	39 *					
ATRCON	PDZERO		1	32					
ATRCON	SWAS	STAMAN	9 CC	25	30				
ATRCON	XCCNIN	STAMAN	12 CC	21					
ATRGP1	WRTMNV		20 TY	21 EQ	41 IC				
ATRGP2	WRTMNV		20 TY	21 EQ	41 IC				
ATRGRP	GRPNTR	STAMAN	27 *	28 *	29 *	30 *	31 *	33 *	35 *
ATRGRP	GRPNTR	STAMAN	36 *	38 *	39 *	40 *	41 *	42 *	43 *
ATRGRP	GRPNTR	STAMAN	13 CC	21 *	22 *	23 *	24 *	25 *	26 *
ATRGRP	GRPNTR	STAMAN	53 *	54 *	56 *				

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
RTRGRP	GRPRTN	STAMAN	44 *	45 *	46 *	47 *	48 *	49 *	51 *
RTRGNP	#RTNNV	STAMAN	9 CO	21 EQ	21 EQ				
RTRMAS	BLMINT	STARAN	18 CO	72 *					
RTRMAS	MNEM	STARAN	20 CO	32					
RTRMAS	SHAPYL	STARAN	17 CO	23	24	26	33		
RTRP	INRO	STARAN	18 CO	132 *					
RTRP	ITRLT	STARAN	20 CO	59	60				
RTRP	MNEM	STARAN	16 CO	66	75				
RTRS	TRMINT		3 TY	12 TY	42 IO	43 IO			
RTWAKE	RADBGN		29 SN						
RTWAKE	RTWAKE		1						
RUSER	INRO	STAMAN	13 CO	67 *	70 *				
RUSER	WRMANU	STAMAN	11 CO	29 IO	36 IO				
RVELSQ	WING		148 *	163					
RVRGST	RGUST		43 SN						
RVRGST	RVRGST		1						
RW	ANAL	MANAL	10 CO	111	112	113			
RW	EXTURS	MANAL	6 CO	60 *					
RW	FUSINT	MANAL	9 CO	78 *	79 *				
RW	INRO	MANAL	7 CO	101					
RWKTTL	NEURWK	FORWK	2 CO	33 IO					
RWKTTL	WRDWK	FORWK	2 CO	70 IO					
RWN	EXTURS		46 *	49	50	51			
RWN	FUSINT		43 *	46	47	48			
RISQ	RVRGST		29 *	33	33	33			
RISQ	VURGST		64 *	70	70	70			
R12	BLMINT	INSTAR	3 CO	54	55				
R12	CGXARM	INSTAR	2 CO	28					
R12	CGYARM	INSTAR	2 CO	32					
R12	CGZARM	INSTAR	2 CO	30					
R12	CMDINT	INSTAR	2 CO	26	27				
R12	EXTCRS	INSTAR	75	76					
R12	EXTURS	INSTAR	2 CO	52 SA	52 SA	53 SA	53 SA	54 SA	74
R12	FSMINT	INSTAR	4 CO	17	18	19	22	23	24
R12	FUSINF	INSTAR	62	63	64				
R12	FUSINT	INSTAR	2 CO	55	56	57	58	59	60
R12	INBLD	INSTAR	2 CO	32	34	39			
R12	INRO	INSTAR	3 CO	34	63	64	65	99	131
R12	JFPGIN	INSTAR	2 CC	35	36	37	131	102	133
R12	LIZE	INSTAR	4 CO	69 *	70	70			
R12	PYLINT	INSTAR	2 CO	31	27	28	29		
R12	STRZIN	INSTAR	76						
R12	STRZIN	INSTAR	4 CO	69	70	71	72	74	75
R12	WRBWK	INSTAR	4 CO	39					
R12	XSTINT	INSTAR	2 CO	16	26	27	28		
R144	EXTURS	INSTAR	2 CO	55	55	56	56	57	57
R144	EXTURS	INSTAR	58	58					
R144	FUSINT	INSTAR	2 CO	49	49	50	50	51	51
R144	FUSINT	INSTAR	52	52					
R144	LIZE	INSTAR	8 CO	70 *					
R2SQ	RVRGST		30 *	34	34	34			
R2SQ	VURGST		65 *	71	71	71			
R550	LIZE	STAMAN	18 CO	131 *					
R550	JUAN	STAMAN	12 CO	82					
R550	RTINIT	STAMAN	11 CO	38					
R550	WRUPTR	STAMAN	17 CO	110					
S	HARM		5 *	17	18	19 *	19		
S	SIVAR		28 TY	28 TY					
SACB	FUSENM		129 *	134	137				
SALO	CLCO		132 *	136	140	141			
SALI	CLCO		197 *	199	200				
SAMG	CLCO		102 *	106	110	111			
SAMP	NUMRTF	ASTAR	2 CO	83 *	88 *				
SAMP	WRTNSF	ASTAR	2 CO	21 *	24 IO				
SANGS	STBLNM		73 *	75	76				
SAPEG	JFBGIN	STAMAN	11 CO	107 *					
SAPHG	VGUNS	STAMAN	8 CO	24					
SARL	FUSACC		50 *	53	54				
SASO	FUSENM		131 *	134	137				
SAVE	RESTRT		47 TY	67	69	70	71	72	73
SAVE	RESTRT		123						
SAVE	RESTRT		94 *	117	119	119	120	121	122
SAVE	RESTRT		74	75	89 *	90 *	91 *	92 *	93 *
SAVTHS	AZMUTH		153 SN	156 SN					
SAVTHS	INIT		76 SN						
SAVTHS	MANU		98 SN						
SAVTHS	RESTRT		60 SN	138 SN					
SAVTHS	SAVTHS		1						
SAVTHS	TVTHIN		157 SN						
SAYHG	JFBGIN		109 *	111					

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TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
$AYE	AJACUB	STARAN	20 CO	34 *	37	38			
$AYE	RGUST	STARAN	21 CO	32	33				
$A1	MATRIX		3 *	9	10	16			
$A2	MATRIX		4 *	14	15	17	19	20	
$A3	MATRIX		5 *	10	12	18			
$BETA	AZMUTH	ANDUIT	4 CO	138	139				
$BETA	RADBGN	ANDUIT	2 TY	4 CO	65 *	68	70		
$BETA	RADIAL	ANDUIT	2 TY	4 CO	164	166	177		
$BETA	RADOUT	ANDUIT	2 CO	52					
$BETA	RGUST	ANDUIT	2 CO	41	80	82			
$BETAZ	MNEM	MANAL	13 CO	124 *	125 *				
$BETAZ	RADIAL	MANAL	12 CO	174					
$BETAZ	ROTAN	MANAL	14 CO	40					
$BETAZ	VTFFA	MANAL	5 CO	12 *					
$BFAC	AZMUTH		2 TY	83 *	84	139			
$BFACG	AZMUTH		2 TY	84 *	112	115	121 IO		
$BRKPT	XCUNIN	STARAN	12 CO	92 *	93 *	94 *	95 *		
$BRKPT	ZLLCAL	STARAN	41	43					
$BRKPT	ZLLCAL	STARAN	9 CO	21	22	24	25	31	32
$CASIT	DEHIV		113 SN						
$CASIT	SCAJIT		1						
$CASPC	SCASIT	STARAN	10 CO	27	27	27	27		
$CASPF	INSCAS	STARAN	9 CO	17 EQ					
$CASPF	RESTNT	STARAN	26 CO	49 EQ					
$CASPF	SCASIT	STARAN	10 CO	24	24	24	24	24	24
$CASRC	SCASIT	STARAN	10 CO	19	19	19	19		
$CASRF	SCASIT	STARAN	10 CO	16	16	16	16	16	16
$CASTK	SWAS	STARAN	9 CO	28					
$CASTK	VARI	STARAN	14 CO	104 *	105 *	105 *	105	109 *	110
$CASTK	VARI	STARAN	113 *	110	114 *	115	115 *	115	
$CASYC	SCASIT	STARAN	10 CO	35	35	35	35		
$CASYF	SCASIT	STARAN	10 CO	32	32	32	32	32	32
$CISSR	MPRTR		58 *	59 *	60	62			
$D	SWAP		9 TY	12 *	23	24 *	33	34 *	
$DIM	STAFNM		119 *	120	123	172	173	182	183
$DIM	WING		71 *	73 *	73	74	77	113	114
$DIM	WING		134	135					
$ECNDA	SAVTHS		12 TY	13 EQ	14 IO				
$ETIME			16 SN						
$FTGP1	BRTMNV		22 TY	23 EQ	42 IO				
$FTGP2	BRTMNV		22 TY	23 EQ	42 IO				
$FTGRP	GPSHFT	STARAN	35 *	36 *	37 *	38 *	39 *	40 *	48 *
$FTGRP	GPSHFT	STARAN	21 *	22 *	23 *	24 *	25 *	26 *	27 *
$FTGRP	GPSHFT	STARAN	13 CO	15 *	16 *	17 *	18 *	19 *	20 *
$FTGRP	GPSHFT	STARAN	28 *	29 *	30 *	31 *	32 *	33 *	34 *
$FTGRP	GPSHFT	STARAN	48	52 *	52	57 *	57	58 *	58
$FTGNP	BRTMNV	STARAN	9 CO	23 EQ	23 EQ				
$FUS2P	BSHOUF		1	17	17	18			
$FUS2Y	BSHOUF		1	18					
$G	AFTRIM		99 *	101	103 *	103			
$G	CDCL		2 TY	42 *	48	49	61 *	61	88
$G	CDCL		88	91	91	96	97	118	
$G	CLCD		78	82	112	123	125	142	150
$G	CLCD		157	197					
$G	CLCD		27 *	28 *	29	33	50	77 *	77
$GAIN	ALSTAB		49 *	77 SA	82 SA				
$GAIN	NUMRTF		1	92					
$GAIN	PHSMAG		1	16 *	43 *	43	51 *	51	
$GALDT	CDCL	ANDUIT	2 TY	6 CO	87	91			
$GALDT	RADIAL	ANDUIT	5 CO	82 *	98 *				
$GN	NUMRTF		74 *	84 *	84	89 *	89	92	
$HAKAM	AZMUTH	STARAN	2 TY	28 CO	85	85	105		
$HAKAM	SHKINT	STARAN	16 CO	18 *					
$HAKAM	ZERO	STARAN	18 CO	55 *					
$HAKFQ	SHKINT	STARAN	16 CO	19 *					
$HAKMS	AZMUTH	STARAN	28 CO	105					
$HAKMS	SHKINT	STARAN	16 CO	35 *					
$HAKPH	AZMUTH	STARAN	28 CO	85					
$HAKPH	SHKINT	STARAN	16 CO	28 *	29 *	29			
$HIFT	ALLMAT		6 TY	14 *	79	81	99 *	100 *	101
$HIFT	ALLMAT		106	109 *	109	109	112	158	159
$HIFT	ALLMAT		160						
$HIFT	ALLMAT		101 *	101	103	103	105	105	106
$HKAMO	SHKINT		40 *	41	43				
$HKCAM	SHKCTL	STARAN	51	56	58				
$HKCAM	SHKCTL	STARAN	16 CO	36	38	39	43	45	49
$HKCAM	SHKINT	STARAN	16 CO	43 *					
$HKCFQ	SHKCTL	STARAN	16 CO	24	28	46	55		
$HKCFQ	SHKINT	STARAN	16 CO	44 *					
$HKCPH	SHKCTL	STARAN	16 CO	28	55				

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TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
SHKCPH	SHKINT	STARAN	16 CO	45 *					
SHKCTL	AZMUTH		75 SN						
SHKCTL	SHKCTL		1						
SHKINT	PTINIT		85 SN	86 SN					
SHKINT	SHKINT		1						
SHPGP2	WRTMNV		20 TY	21 EQ	25 IO				
SHPGP3	WRTMNV		20 TY	21 EQ	25 IO				
SHPGRP	GRPSHP	STAMAN	37 *	38 *	39 *	40 *	41 *	42 *	43 *
SHPGRP	GRPSHP	STAMAN	44 *	45 *	46 *	47 *	48 *	49 *	50 *
SHPGRP	GRPSHP	STAMAN	50	50	51 *	51	52 *	53 *	54 *
SHPGRP	GRPSHP	STAMAN	30 *	31 *	32 *	33 *	34 *	35 *	36 *
SHPGRP	GRPSHP	STAMAN	16 CO	24 *	25 *	26 *	27 *	28 *	29 *
SHPGRP	SAVTHS	STAMAN	10 CO	13 EQ					
SHPGRP	WRTMNV	STAMAN	9 CO	21 EQ	21 EQ	25 IO	26 IO	26 IO	28
SHPGRP	WRTMNV	STAMAN	28						
SHRD	AZMINT	ANDUIT	2 CO	66 *					
SHRD	AZMUTH	ANDUIT	4 CO	151	152				
SHRD	RADIAL	ANDUIT	2 TY	4 CO	165 *	165			
SHRI	AZMINT	ANDUIT	3 CO	75 *					
SHRI	AZMUTH	ANDUIT	2 TY	5 CO	112	114	121 IO		
SHRI	RADIAL	ANDUIT	2 TY	5 CO	181 *	181			
SHRIP	AZMUTH	MANAL	14 CO	147 *					
SHRIP	INIT	MANAL	7 CO	36					
SHRIP	ZERO	MANAL	9 CO	93 *					
SHRL	AZMINT	ANDUIT	2 CO	65 *					
SHRL	AZMUTH	ANDUIT	4 CO	150					
SHRL	RADIAL	ANDUIT	2 TY	4 CO	164 *	164			
SHRPYL	DERIV		145 SN						
SHRPYL	FOCUS		49 SN						
SHRPYL	SHRPYL		1						
SHRR	AZMINT	ANDUIT	2 CO	67 *					
SHRR	AZMUTH	ANDUIT	4 CO	151	152				
SHRR	RADIAL	ANDUIT	2 TY	4 CO	166 *	166			
SHRV	AZMUTH	MANAL	13 CO	146 *					
SHRV	INIT	MANAL	6 CO	35					
SHRV	ZERO	MANAL	8 CO	94 *					
SIDEWS	WSHDUF		15 *	18 *	21 *	21	25	26	
SIG	ALLMAT		6 TY	11	11	11	128 *	133	142
SIGN	AJACOB		41						
SIGN	AUXJET		19	19					
SIGN	AZMUTH		100						
SIGN	BRTRFM		62						
SIGN	BUNDER		24	27	30				
SIGN	CDCL		41	42	190				
SIGN	CLCD		232						
SIGN	FUSFNM		42	44	48	50			
SIGN	ITHOT		68						
SIGN	PDZERO		11	12	14	15			
SIGN	PHSMAG		48						
SIGN	RADIAL		50	92	98				
SIGN	STBFNM		146	157					
SIGN	SUPERP		13						
SIGN	UNSDER		36	39	42	52			
SIGN	UNSTED		60	66	83				
SIGN	VARI		105	110	115				
SIGN	WING		85						
SIGN	XSTORE		41	44					
SIN	AJACOB		34	37	59				
SIN	AZMUTH		61						
SIN	CDCL		113	117	164				
SIN	CLCD		102	132	197	206			
SIN	DERIV		133						
SIN	FLDMM		32						
SIN	FUSACC		50	55					
SIN	GUST		66	67					
SIN	INRC		44	93	107				
SIN	JFBGIN		107	109					
SIN	LOADT		82						
SIN	MATRIX		3	4	5				
SIN	MNEW		111	124	125				
SIN	MTLT		25						
SIN	NUPS		17						
SIN	PRETVT		78						
SIN	QUAN		79						
SIN	RADRGN		65						
SIN	RADIAL		128	132	141				
SIN	RGUST		63	66					
SIN	SHKCTL		29	58					
SIN	SHKINT		35	47					
SIN	STRFNM		66	73	116				

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
SIN	STRZIN		34	68					
SIN	TILT		24	27	55				
SIN	TIMLP		35	36	41	49			
SIN	TVTRIM		225						
SIN	UNSTED		129	130					
SIN	VAHI		147						
SIN	VTEFA		12						
SIN	WING		69	169					
SIN	WSHDUF		24	26					
SIN	XCONIN		68	72	76	80			
SIN	YFINIT		62	62	66	66	69	69	71
SIN	YFINIT		71	73	73				
SINA	FUSFNM		77	77	77	77	77	77	77
SINA	FUSFNM		91	97	99	129	131	132	135
SINA	FUSFNM		76	76	76	76	76	76	76
SINA	FUSFNM		75	75	75	75	75	75	75
SINA	FUSFNM		50 *	58 *	61	65	73	73	73
SINA	FUSFNM		146	149					
SINA	RGUST		33 *	37 *	40	79	81		
SINA	STBFNM		127 *	149 *	167	168	169	179	
SINA	WING		88 *	94 *	108	109	110	131	
SINA	XSTORE		44 *	45 *	48 *	51	53	62	64
SINALF	RADIAL	ANDOIT	5 CO	128 *	130				
SINALF	RADOUT	ANDOIT	3 CO	49					
SINAP	WING		169 *	171	172	177	176		
SINA2	FUSFNM		61 *	92	98	100	102	103	104
SINA2	XSTORE		53 *	59					
SINB	FUSFNM		73	74	74	74	74	74	102
SINB	FUSFNM		43 *	46	54 *	62	66	72	72
SINB	FUSFNM		72	72	72	73	73	73	73
SINB	FUSFNM		102	103	103	104	104	130	131
SINB	FUSFNM		133	136					
SINB	STBFNM		128 *	145 *	168	177	179		
SINB	WING		84 *	91 *	109	129	131		
SINB	XSTORE		40 *	52	54	61	63		
SINB2	FUSFNM		62 *	91	98	99			
SINB2	XSTORE		54 *	59					
SINDIH	MODES	STARAN	11 CC	36					
SINDIH	STBFNM	STARAN	26 CC	118					
SINDIH	STRZIN	STARAN	18 CC	34 *					
SINDIH	WING	STARAN	21 CO	71					
SINDWS	STBFNM	STARAN	26 CC	46	49				
SINDWS	WING	STARAN	21 CC	32	35				
SINDWS	WSHDUF	STARAN	4 CO	24 *					
SIND2	TIMLP		35 *	36	41 *	51	52		
SINGAM	INRD	STARAD	16 CC	93 *					
SINGAM	RADBGN	STARAD	2 TY	18 CO	73	74			
SINGAM	RADIAL	STARAD	18 CC	157	158				
SINIY	AZMINT		33 *	35	38	39	43		
SINSFA	FOCUS	STRIMA	19 CO	25					
SINSFA	XCONIN	STRIMA	15 CO	62 *	68 *	76 *			
SINSLT	FOCUS	STRIMA	19 CO	25					
SINSLT	XCONIN	STRIMA	15 CO	63 *	72 *	80 *			
SINSWS	STBFNM	STARAN	26 CC	47	48				
SINSWS	WING	STARAN	21 CO	33	34				
SINSWS	WSHDUF	STARAN	4 CO	26 *					
SINTH2	FUSFNM		109 *	110	111	112	113	114	115
SINZLL	STBFNM		116 *	121	122	170	171	180	181
SINZLL	WING		69 *	75	76	111	112	132	133
SIN1	TIMLP		36 *	46	51				
SIN2	TIMLP		49 *	51					
SIN2A	FUSFNM		65 *	72	72	72	74	74	74
SIN2A	FUSFNM		92	93	100	101	156 SA		
SIN2A	XSTORE		51 *	58					
SIN2B	FUSFNM		66 *	75	75	75	76	76	76
SIN2B	FUSFNM		77	77	77	102	103	104	156 SA
SIN2B	XSTORE		52 *	60					
SIVAR	MANTYP		45 SN						
SIVAR	RESTRT		131 SN						
SIVAR	SIVAR		1						
SIX	SLMINT		22 *	26	47				
SKCPSI	SMKCTL		34 *	36	38				
SKSPSI	SMKCTL		35 *	38	39				
SLNK	XCONIN	STAMAN	12 CO	84 *	85 *	86 *	87 *	88 *	89 *
SLNK	XCONIN	STAMAN	90 *	91 *					
SLNK	ZLLCAL	STAMAN	9 CO	34	34	46	46		
SLNKMT	XCONIN	STAMAN	12 CC	97 *					
SLNKMT	ZLLCAL	STAMAN	9 CO	96					
SLOPE	UNSTED		2 TY	80 *	81 *	82	83 *	83	83
SLOPE	UNSTED		107	111	113	116	134		

TABLE 10. CONTINUED.

VAR	SOL	COMMON	STATEMENT NUMBERS						
SLOPE	UNSTED		82 *	109	111	111	132	134	136
SM	SWAP		5 TY	13 *	24	25 *	34	35 *	
SM	YMINIT		22 *	23	24				
SM	YSINIT		29 *	30	31				
SMAG	CLCD		89 *	90	124				
SMAG	CMCALC		2 TY	20 *	25 *	123			
SM	CMCALC		2 TY	14 *	15 *	16	20	25	
SNPSI	AZMINT	FORWK	7 CO	35 *	38 *	38	39		
SNPSI	RTWANL	FORWK	3 TY	8 CO	14	25	34	41	
SNPSI	STPWAK	FORWK	2 CO	39	42	47	50		
SNSHRC	SHRCTL	STARAN	16 CO	34	35				
SNSHRC	SHRINT	STARAN	16 CO	47 *					
SNTEMP	SHRCTL		18 TY	29 *	38	39	42	45	51
SOLVE	MRTREM		51 SN						
SOLVE	ITRIM		130 SN						
SOLVE	POPFDD		91 SN						
SOLVE	SOLVE		1						
SOLVE	SUPERP		84 SN						
SOMLC	GASINT	STARAN	20 CO	63 *					
SOMLC	INTERQ	STARAN	2 TY	17 CO	24				
SOMLC	ZERO	STARAN	17 CO	47 *					
SOMUC	GASINT	STARAN	20 CO	64 *					
SOMUC	INTERQ	STARAN	2 TY	17 CO	25				
SOMUC	ZERO	STARAN	17 CO	49 *					
SP	DERIV		155 *	156	157	162			
SP	MNLSP		68 *	70	71				
SP	ITROT		170 *	172	173	174			
SP	MNLM		111 *	115					
SP	PRETVT		78 *	79	80	82			
SPD	MORORS	STBD	9 CO	22	25	78	81		
SPD	STAB	STBD	141 *	142 *	143 *	144 *	145 *	146 *	147 *
SPD	STAB	STBD	15 CO	46 *	136 *	137 *	138 *	139 *	140 *
SPD	STAB	STBD	148 *	149 *	150 *	151 *	152 *	153 *	155 *
SPD	STAB	STBD	155						
SPD	WRSTAB	STBD	2 CO	9 IO	15 IO	20 IO	25 IO	43 IO	43 IO
SPD	WRSTAB	STBD	45 IO	45 IO					
SPNSTB	STBZIN	STARAN	18 CO	54 *	55	64			
SPNSTB	WING	STARAN	21 CO	103					
SPNSTB	WRINST	STARAN	12 CO	49					
SPP	MRESP		72 *	74	75	76 *	77		
SPSI	AZMINT	ANDDIT	55	64	88	90			
SPSI	AZMINT	ANDDIT	2 CO	30 *	32	33	51	52	53
SPSI	AZMUTH	ANDDIT	141	143	151	152			
SPSI	AZMUTH	ANDDIT	2 TY	4 CO	76	77	82	83	143
SPSI	RGUST	ANDDIT	2 CO	32	33	37			
SPSI	SHRCTL	ANDDIT	2 CO	34	35	42	45		
SPSIB	MRESP	STARAN	15 CO	70	71	74	75		
SPSIB	INRC	STARAN	19 CO	44 *					
SPSIL	AZMINT	MANAL	11 CO	30					
SPSIL	DERIV	MANAL	10 CO	133 *	148 *	155			
SPSIL	FLOAM	MANAL	6 CO	32 *					
SPSIL	MRESP	MANAL	3 CO	53	68	97			
SPSIL	ITROT	MANAL	13 CO	170					
SPSIL	MNLM	MANAL	9 CO	115 *					
SPSIL	MPRTR	MANAL	5 CO	47	48				
SPSIL	NOPS	MANAL	4 CO	17 *					
SPSIL	POPFDD	MANAL	8 CO	63	63	65	65	78	78
SPSIL	POPFDD	MANAL	80	80					
SPSIL	QUAN	MANAL	7 CO	79 *					
SPSIL	SMRPYL	MANAL	3 CO	33	35				
SPSIL	TILT	MANAL	4 CO	48					
SPSIL	TVTRIM	MANAL	14 CO	225 *					
SPSIY	AZMINT	STARAN	23 CO	32	33				
SPSIY	AZMUTH	STARAN	27 CO	61 *					
SPSW	AZMINT		43 *	46	46				
SQMAG	CDLL		2 TY	53 *	54	78			
SQRT	AJACOB		40	47					
SQRT	ATMINT		33						
SQRT	CDCL		78	140	175				
SQRT	CLCD		46	89	113	143	180	217	
SQRT	CMCALC		25						
SQRT	DERIV		60						
SQRT	FUSFNM		28	39	43				
SQRT	INBMSS		27						
SQRT	ITROT		78	79					
SQRT	JFBGIN		67						
SQRT	LOADT		132	133					
SQRT	MNLM		47	48					
SQRT	PHSMAG		31						
SQRT	QUAN		88	89					

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
$QRT	RADIAL		47	53	136				
$QRT	ROTAN		66						
$QRT	RVNGST		38						
$QRT	STBFNM		65	69	71	72	143	144	
$QRT	STBZIN		36	54					
$QRT	SWSRAT		47						
$QRT	UNSTED		57	58	59	63	141		
$QRT	VIND		18	24	36				
$QRT	VONGST		75						
$QRT	WING		82	83					
$QRT	WRBMTV		53	61					
$QRT	WRUPTM		55	89					
$QRT	XSTINT		17						
$QRT	XSTORE		38	39					
$QRT	YRINIT		22	27	68				
$QRT	YSINIT		24	34	36	55			
$RETRO	FOCUS	STARAN	16 CC	33	34				
$RETRO	GRPHTR	STARAN	19 CC	22	23	43	61		
$RETRO	INRO	STARAN	22 CC	107 *					
$RETRO	ITRCT	STARAN	24 CC	163	164				
$RLN20	SWAS	STARAN	9 CC	43	44	90	91		
$RLN20	TILT	STARAN	4 CC	19 *	27 *	32			
$RTET0	STBFNM		72 *	75	76	77			
$S	SWAP		9 TY	11 *	20	23 *	30	33 *	39
$SMM	CDCL	ANDDIT	2 TY	5 CC	24 *	71	119		
$SMM	CLCD	ANDDIT	2 CC	64 *	85	159			
$TAB	CONSTB		26 SN						
$TAD	STAR		1						
$TACG	FSMINT	INSTAR	4 CC	17					
$TACG	FUSINT	INSTAR	2 CC	55 *	58				
$TACG	INRC	INSTAR	3 CC	63					
$TACG	JFBGIN	INSTAR	2 CC	35	101				
$TACG	STBZIN	INSTAR	4 CC	69	74				
$TACGX	CGXARM	STRIMA	15 CC	28					
$TACGX	EXTORS	STRIMA	12 CC	49	56	57	58	74	
$TACGX	FUSINT	STRIMA	22 CC	46	50	51	52	62	
$TACGX	XSTINT	STRIMA	6 CC	12 *	26				
$TALL	CLCD		153	154 *					
$TALL	CLCD		22 TY	23 TY	25 TY	96	97 *	127	128 *
$TALLW	MODES	STARAN	11 CC	31					
$TALLW	STBFNM	STARAN	20 CC	53	63				
$TALLW	WING	STARAN	21 CC	162 *					
$TAR	MPRTR		6 TY	7 EQ					
$TAR	RESTRT	STARAN	31 CC	55 10	65 10	109 IC	114 10	136 10	137 10
$TAR	TIMEQ0		28 TY	35 EQ	30 10	36 IC			
$TARS	HEADIN		36 TY	38 TY	49 IC	101 IC			
$TART			44 SN	49 SN	65 SN	82 SN			
$TART	START		1						
$TART2	ADJST	MANAL	5 CC	56	67	67			
$TART2	ADJST	MANAL	9 CC	49	61	63			
$TART2	SIVAR	MANAL	8 CC	54 *	57	64			
$TART	MPRTR	STARAN	5 CC	7 EQ					
$TART	TIMEQ0	STARAN	15 CC	25 EQ					
$TB	RESTRT	STB0	31 CC	55 10	65 10	109 IC	114 10	136 10	137 10
$TB	TIMEQ0	STB0	16 CC	30 10	36 IC				
$TBFNM	ANAL		74 SN						
$TBFNM	STBFNM		1						
$TBINT	CDCL		103 SN						
$TBINT	CLCD		53 SN						
$TBINT	STBINT		1						
$TBLN	STBFNM		180 *	182	183				
$TBLN	WING		132 *	134	135				
$TBM	TIMEQ0	STBMCK	17 CC	30 10	36 IC				
$TBWAK	STBFNM		95 SN						
$TBWAK	STBWAK		1						
$TWAK	WING		40 SN						
$TZIN	START		50 SN						
$TZIN	STBZIN		1						
$TGAIN	ALSTAB	ASTAB	2 CC	90 *					
$TGAIN	NUMRTF	ASTAB	2 CC	92 *					
$TGAIN	WRINSF	ASTAB	2 CC	24 10					
$TICKS	ANAL		30 TY	31 EQ	79	80			
$TICKS	JFBGIN		28 TY	29 EQ	99				
$TICKS	SWAS		31						
$TICKS	SWAS		15 TY	16 EQ	24	25	27	28	31
$TICKS	ZLLCAL		15 TY	16 EQ	24	25	28	31	32
$TICKS	ZLLCAL		42						
$TIFF	INVERS		38	42 *	42	42	42	45 *	45
$TIFF	INVERS		45	47 *	47	55	56 *	56	57 *
$TIFF	INVERS		27	28 *	28	29 *	31	36	38 *

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
$TIFF	INVERS		1	3 TY	13	22	23 *	23	24 *
$TIFF	INVERS		61	62 *	62	63 *			
$TKS	ANAL	STARAN	18 CO	79	80 *				
$TKS	JFBGIN	STARAN	16 CO	99 *					
$TKSUM	SWAS		28 *	29	32	32			
$TLHWG	WING		147 *	162					
$TMN	RESTRT		137 IO						
$TMN	RESTRT		43 TY	49 EQ	55 IO	65 IO	109 IO	114 IO	136 IO
$TMN	TIMEQQ	STARAN	13 CO	30 IO	36 IO				
$TOP			97						
$TOP	RCDIO		88						
$TOP2	GUST	MANAL	4 CO	55	67				
$TOP2	NGUST	MANAL	3 CO	50	62				
$TOP2	SIVAR	MANAL	7 CU	57 *					
$TRB	RESTRT		137 IO						
$TRB	RESTRT		44 TY	50 EQ	55 IO	65 IO	109 IO	114 IO	136 IO
$TRB	TIMEQQ		24 TY	25 EQ	30 IO	36 IO			
$TRR1	TIMEQQ	STRIAB	18 CO	25 EQ					
$TRD	MPCNTL		7 TY	8 EQ					
$TRD	MPRTR		6 TY	7 EQ					
$TRD	RESTRT	STARAD	29 CO	55 IO	65 IO	109 IO	114 IO	136 IO	137 IO
$TRD	TIMEQQ		24 TY	25 EQ	30 IO	36 IO			
$TRD1	MPCNTL	STARAD	5 CO	8 EQ					
$TRD1	MPRTR	STARAD	4 CO	7 EQ					
$TRD1	TIMEQQ	STARAD	14 CO	25 EQ					
$TRM	MPCNTL		7 TY	8 EQ					
$TRM	RESTRT		137 IO						
$TRM	RESTRT		45 TY	51 EQ	55 IO	65 IO	109 IO	114 IO	136 IO
$TRM	TIMEQQ		24 TY	25 EQ	30 IO	36 IO			
$TRM1	MPCNTL	STRIMA	6 CU	8 EQ					
$TRM1	TIMEQQ	STRIMA	19 CO	25 EQ					
$TZ	RADIAL		141 *	145 *	149	150			
$TZF	INSTAB		29 TY	30 EQ	122				
$TZF	WRDELF		10 TY	11 EQ	17 *	17			
$T1	STRENM		122 *	124	149	154	154		
$T1	WING		76 *	78	88	100	100		
$T1	XSTORE		33 *	35	44	45			
$T2	STRENM		123 *	125	145	155	155		
$T2	WING		77 *	79	84	101	101		
$T2	XSTORE		34 *	36	40				
$UM	ALLMAT		66	120 *	121	122			
$UM	ALLMAT		9 TY	22 *	23	25	62 *	65 *	65
$UMCOS	TILT		44 *	47 *	47	50			
$UMSIN	TILT		45 *	48 *	49	51			
$UM1	LOADT		107 *	109 *	109	111	115		
$UM2	LOADT		112 *	113	116				
$UPERP	SUPERP		1						
$UPLRP	VARI		163 SN						
$VFAC	AZMINT	ANDGIT	2 CO	76 *					
$VFAC	AZMUTH	ANDGIT	2 TY	4 CO	112	115	121 IO		
$VFAC	RADIAL	ANDGIT	2 TY	4 CO	183 *	185			
$VINT	LIZE		56 SN						
$VINT	SVINT		1						
$WAP	NUMRTE		49 SN						
$WAP	SWAP		1						
$WAS	AJACOB		33 SN						
$WAS	INSTAB		138 SN						
$WAS	MNEM		51 SN						
$WAS	STAB		127 SN	131 SN					
$WAS	SWAS		1						
$WAS	VARI		186 SN						
$WC	DERIV	STARAN	18 CO	127					
$WC	LIZE	STARAN	21 CO	150 *					
$WC	ROTAN	STARAN	18 CO	61					
$WC	WTINIT	STARAN	16 CO	41 *					
$WGZLL	TRENM	STARAN	26 CO	52					
$WGZLL	STGZIN	STARAN	18 CO	68 *					
$WINGH	STGZIN	STARAN	17 CO	64 *					
$WINGH	WING	STARAN	20 CO	165					
$WKTTL	RDOS#K	RDOS#K	2 CO	12 IO					
$WKTTL	WRSWK	RDOS#K	2 CO	16 IO					
$WSCOL	GRPCNT	STRIMA	55	58					
$WSCOL	GRPCNT	STRIMA	23 CO	28	31	37	40	46	49
$WSCOL	SWAS	STRIMA	12 CO	20 *	36 *	40 *	41 *	42 *	43 *
$WSCOL	SWAS	STRIMA	44	43 *	87 *	88 *	89 *	90 *	91
$WSFA	GRPCNT	STRIMA	56	59					
$WSFA	GRPCNT	STRIMA	20 CO	29	32	38	41	47	50
$WSFA	SWAS	STRIMA	12 CO	21 *	47 *	48 *	53 *	54 *	55 *
$WSFA	SWAS	STRIMA	56 *	57 *	58 *	59 *	60 *	61	62
$WSLAT	GRPCNT	STRIMA	57	60					

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
SWSLAT	GRPCNT	STRING	20 CO	30	33	39	42	48 *	51
SWSLAT	SWAS	STRING	12 CO	22 *	65 *	66 *	71 *	72 *	73 *
SWSLAT	SWAS	STRING	74 *	75 *	76 *	77 *	78 *	79	80
SWSWAT	DERIV		146 SN						
SWSWAT	FOCUS		23 SN						
SWSWAT	ITROT		158 SN						
SWSWAT	SWSRAT		1						
SZET	SWAS	MANAL	3 CO	55	59	61	62		
SZET	TILT	MANAL	3 CO	16 *	24 *				
S1	MAIN		1	18	19				
S1	LOADT		82 *	85 SA	92 SA	95 SA	96 SA	97 SA	98 SA
S1	LOADT		99 SA	129 SA	130 SA	140 SA	141 SA	142 SA	
S1	WRBMTV		1	7 SA					
S1CJ	MATRIX		9 *	14	20				
S1SJ	MATRIX		10 *	15	17				
T			42						
T	AFTRIM	MANAL	12 CO	88 *					
T	AZMUTH	MANAL	13 CO	155 *					
T	CNTM	MANAL	3 CO	26	28	30	31	34	35
T	CNTM	MANAL	40						
T	MANU	MANAL	97 *						
T	MANU	MANAL	8 CO	37	40	40	91 *	91	96 *
T	MNEM	MANAL	8 CO	37 *	99 *				
T	MPRTN		21						
T	RESTRT	MANAL	19 CO	67	117 *				
T	ROTAN	MANAL	12 CO	46					
T	SAVTHS	MANAL	3 CO	14 IO					
T	SIVAR	MANAL	6 CO	29 TY	31 IO				
T	TVTRIM	MANAL	13 CO	47 *	121	156 *	267 *	267	
T	VARI	MANAL	8 CO	143					
T	VGUNS	MANAL	3 CO	18					
T	WNDXFM		1	2 TY	3	3	3	4	4
T	WNDXFM		4	5	5	5	6	6	6
T	WNDXFM		7	7	7	8	8	8	
T	WRMANU	MANAL	5 CO	24 IO	42				
TABFIX	PTBOUT		23 SN	32 SN	41 SN				
TABFIX	TABFIX		1						
TABINT	FUSFNM		121 SN	122 SN					
TABINT	TABINT		1						
TABL	WRDPTM		37 TY	53					
TABOUT	PTBOUT		20 SN	29 SN	38 SN				
TABOUT	START		98 SN	99 SN					
TABOUT	TABOUT		1						
TAIF	JSTRED	MANAL	7 CO	237 IO					
TAIH	LIZE	MANAL	12 CO	152 *					
TAIN	NPUTOT	MANAL	7 CO	140 IO					
TAIR	READIN	MANAL	8 CO	39 NA					
TAIR	RESTRT	MANAL	19 CO	58 *	96				
TAIR	ROTAN	MANAL	12 CO	46	48				
TAIR	START	MANAL	10 CO	60	60 *				
TAIR	WRMANU	MANAL	5 CO	42	42	96 *	96	98 *	
TAIRS	RESTRT		47 TY	58	96 *	99	99 *		
TAMB	ATMINT	STARAN	15 CO	26 *	28 *	29 *	31	33	40 *
TAMB	WRTRIM	STARAN	12 CO	45					
TAN	CLCO		45						
TAN	INRO		96						
TAN	YSINIT		23						
TANT1	AZMINT	ANDOIT	2 CO	88	90				
TANT1	FOCUS	ANDOIT	2 CO	33 *					
TANT1	ITROT	ANDOIT	2 CO	163 *					
TANT2	AZMINT	ANDOIT	2 CO	88	90				
TANT2	FOCUS	ANDOIT	2 CO	34 *					
TANT2	ITROT	ANDOIT	2 CO	164 *					
TAP273	ATMINT		39 *	40	41				
TARSPO	FUSFNM	STAMAN	15 CO	28 *					
TARSPO	GRPFLT	STAMAN	9 CO	21					
TAU	NUMRTF	ASTAB	2 CO	82 *	87 *				
TAU	WRTNSF	ASTAB	2 CO	20 *	24 IO				
TAUR	PHSMAG		41 *	49 *	53 IO				
TAX	AUXJET		24						
TAX	AUXJET		12 TY	13 EQ	18 *	18	19	20 *	24 *
TAX	TIVAR		13 TY	14 *	15 *	27			
TAXL	ANAL	MANAL	10 CO	84 *	84	89	90	91	
TAXL	AUXJET	MANAL	3 CO	13 EQ					
TAXL	GRPSHP	MANAL	10 CO	48					
TAXL	JFBGIN	MANAL	6 CO	34 *	52	53	54		
TAXL	TIVAR	MANAL	3 CO	14					
TAXL	WRPERT	MANAL	3 CO	34 IO					
TAXL	WRVP	MANAL	3 CO	35 IO					
TAXR	ANAL	MANAL	10 CO	82 *	82	86	87	88	

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
TAXH	GRPSHP	MANAL	10 CO	36					
TAXH	JFBGIN	MANAL	6 CO	33 *	49	50	51		
TAXH	TIVAR	MANAL	3 CO	15					
TAXH	WRPERT	MANAL	3 CO	34 IO					
TAXH	WAVP	MANAL	3 CO	35 IO					
TCLOCK	SWAS	STRIMA	11 CO	82					
TCLOCK	XCONIN	STRIMA	14 CO	90 *					
TDDLAS	BUNDER	UNSARO	12 CO	26 *	27 *	27	27		
TDDLAS	RADIAL	UNSARO	2 TY	31 CO	83	99			
TDDLAS	UNSDER	UNSARO	22 CO	38 *	39 *	39	39		
TDDMAX	BUNDER		21 *	27					
TDDMAX	UNSDER		33 *	39					
TDELT	AFTRIM	MANAL	13 CO	87 *	89	89 *	89	90	
TDELT	AZMUTH	MANAL	14 CO	56					
TDELT	BHTRFM	MANAL	4 CO	58	61				
TDELT	DERIV	MANAL	10 CO	59	81	82	94		
TDELT	ITERIN	MANAL	7 CO	30 *					
TDELT	MANU	MANAL	9 CO	28	28 *	28	29	30	41 *
TDELT	MANU	MANAL	46 *	66	81	91			
TDELT	PRETVT	MANAL	98 *						
TDELT	PRETVT	MANAL	9 CO	96	96	96 *	97	97 *	98
TDELT	RESTHT	MANAL	20 CO	69 *	119 *				
TDELT	RUTAN	MANAL	13 CO	46	47				
TDELT	TIMLP	MANAL	6 CO	82	83				
TDELT	TVTRIM	MANAL	177 *	194	240	243	267		
TDELT	TVTRIM	MANAL	14 CO	73	74 *	78 *	79	82	83
TDELT	WING	MANAL	10 CO	116					
TDIV	UNSTED		2 TY	38 *	39	41	42	43	45
TDIV	UNSTED		46						
TDIVC	START	STARAN	22 CO	62 SA					
TDIVC	UNSTED	STARAN	2 TY	21 CO	38	125			
TDIVC	YRINIT		1	2 TY	46 *				
TDS	TVTRIM		73 *	77	177				
TDUJET	ANAL		76 *	79 *	79	82	84		
TEMP	ALLMAT		46 *	47 *	47	49 *	49	51	94 *
TEMP	ALLMAT		0 TY	31 *	33	36 *	38	40 *	42
TEMP	ALLMAT		160	160	190 *	192	209 *	211	239 *
TEMP	ALLMAT		95	133 *	135	141 *	143	157 *	158
TEMP	ALLMAT		241						
TEMP	SWAS		40	41	42	43	53	54	55
TEMP	SWAS		88	89	90				
TEMP	SWAS		17 TY	24 *	25 *	25	27 *	31 *	31
TEMP	SWAS		56	57	58	59	60	71	72
TEMP	SWAS		73	74	75	76	77	78	87
TEMP	TIMLP		18 TY	26 *	27 *	54 *	55 *	78	79
TEMP	UNSTED		2 TY	120 *	121	121			
TEMP	XSTORE		61 *	62	64				
TEMP0	FUSFNM		83 *	111					
TEMPL	FUSFNM		82 *	110					
TEMPP	FUSFNM		84 *	112					
TEMPR	FUSFNM		86 *	114					
TEMPS	FUSFNM		85 *	113					
TEMPSI	SMKCTL		28 *	29	30	55 *	56	58	
TEMPY	FUSFNM		87 *	115					
TEMP1	ATMINT		30 *	31 *	32				
TEMP1	AZMUTH		2 TY	86 *	125 *	125	137	138	146
TEMP1	RADIAL		104 *	105 *	106				
TEMP1	RTWAKE		2 TY	15 *	18 *	18	22	27 *	27
TEMP1	RTWAKE		45 *	45	45	47			
TEMP1	STHBAK		38 *	39 *	39	41	43 *	43	53 *
TEMP1	STHBAK		53	53	55				
TEMP1	ZLLCAL		47						
TEMP1	ZLLCAL		25 *	28 *	32 *	34	34	42 *	44
TEMP2	AZMUTH		2 TY	87 *	126 *	126	140	141	147
TEMP2	RTWAKE		2 TY	22 *	25 *	25	27		
TEMP2	STHBAK		41 *	42 *	42	43			
TEMP2	ZLLCAL		43 *	44					
TEMP3	AZMUTH		2 TY	88 *	127 *	127	142	143	
TEMP3	RTWAKE		45						
TEMP3	RTWAKE		2 TY	31 *	34 *	34	38	43 *	43
TEMP3	STHBAK		46 *	47 *	47	49	51 *	51	53
TEMP3	ZLLCAL		44 *	45	46	46			
TEMP4	AZMUTH		2 TY	89 *	128 *	128	144		
TEMP4	RTWAKE		2 TY	38 *	41 *	41	43		
TEMP4	STHBAK		49 *	50 *	50	51			
TEMP5	AZMUTH		141						
TEMP5	AZMUTH		2 TY	90 *	129 *	129	136 *	136	140
TEMP6	AZMUTH		138 *	140	141				
TEMP9	AZMUTH		2 TY	124 *	125	126	127	128	130
TEN	READIN		37 TY	105					

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS					
TERM10	AZMUTH		120 *	122 IO				
TERM3	AZMUTH		114 *	122 IO				
TERM4	AZMUTH		115 *	122 IO				
TERM5	AZMUTH		116 *	122 IO				
TERM6	AZMUTH		117 *	122 IO				
TERM8	AZMUTH		118 *	122 IO				
TERM9	AZMUTH		119 *	122 IO				
TEST	READIN	INSTAR	4 CO	6 TY	61			
TEST	READIO	INSTAR	2 CO	4 TY	14 *	42 *	44	
TESTM	READIN	INSTAR	4 CO	6 TY	44 *	61	90	
TESTM	RFDID	INSTAR	2 CO	4 TY	15	25 *	34	
TFILT	FLRINT	MANAL	6 CO	44 SA				
TFILT	ITHLT	MANAL	15 CC	60	125 *	129 SA		
TFILT	MNEM	MANAL	11 CO	56 *	57 *			
TFILT	TRIM	MANAL	11 CC	55 *				
TFILT	TVTRIM	MANAL	16 CO	97 SA				
TFSTKS	ALSTAB	ASTAB	2 CO	46 *				
TFSTKS	NUMRTF	ASTAR	2 CO	58 IO				
TFSTKS	WRTNSF	ASTAB	2 CO	15 IO	15 IO	15 IO		
TFVARS	ALSTAB	ASTAB	2 CO	45 *				
TFVARS	NUMRTF	ASTAB	2 CO	58 IO				
TFVARS	WRTNSF	ASTAR	2 CO	15 IO	15 IO	15 IO		
TGOV	DERIV		59 *	60	60			
THDMAX	RUNDER		20 *	21	24			
THDMAX	UNSDER		32 *	33	36			
THDUNS	RUNDER	UNSARO	12 CO	18 *	18	25 *	26	
THDUNS	RADIAL	UNSARO	2 TY	31 CO	81	97		
THDUNS	UNSDER	UNSARO	22 CO	30 *	30	37 *	38	
THDUNS	ZERO	UNSARO	27 CO	123 *				
THET	MOMR		6 TY	7 EQ	20	21		
THETA	INTERQ		2 TY	21 *	25			
THETAV	UNSTED		2 TY	104 *	105			
THETMX	RUNDER	STARAN	9 CO	20				
THETMX	INRO	STARAN	21 CO	131 *				
THETMX	UNSDER	STARAN	19 CO	32				
THETS	BRTNFM		16 TY	17 EQ	64 *	64		
THETS	MOMR		6 TY	7 EQ	20 *	21 *		
THETO	UNSTED		2 TY	103 *	104	105		
THFBRG	AZMUTH	STARAN	28 CO	135				
THFBRG	RADIAL	STARAN	24 CO	147 *				
THINDA	SAVTHS		12 TY	13 EQ	14 IO			
THISJC	READIN		115 IO	118				
THLF	PHSMAG		32 *	38	53 IO			
THNULL	AZMUTH	STARAN	28 CO	135				
THNULL	INFO	STARAN	22 CO	124 *				
THRST	AZMUTH	ANDOIT	4 CC	7 TY	150 *	150		
THRST	ITROT	ANDOIT	2 CO	5 TY	107 *	122		
THRSTS	PRETVT	STARAN	15 CC	86 *				
THRSTS	TVTRIM	STARAN	23 CC	67				
THRTVI	ITRCT		40 *	55 *				
THRUST	AFTRIM	MANAL	14 CO	78 *				
THRUST	ANAL	MANAL	12 CO	38	39	40	55	56	57
THRUST	CONSTB	MANAL	5 CO	31 *	32 *				
THRUST	GRPRTR	MANAL	9 CO	26	36	44	54		
THRUST	INSTAB	MANAL	7 CO	52	53	101	105	128	129
THRUST	ITRIM	MANAL	8 CO	70 *	71 *	80	81		
THRUST	ITROT	MANAL	14 CC	40	54	55	58	59	122 *
THRUST	ITRLT	MANAL	125	129 SA	146				
THRUST	JACOBI	MANAL	5 CO	33 *	34 *				
THRUST	JFBGIN	MANAL	8 CO	93 *	94 *				
THRUST	LIZF	MANAL	14 CO	52	53				
THRUST	MNEM	MANAL	75						
THRUST	MNEM	MANAL	10 CO	56 *	55 *	56	57	58	66
THRUST	PRETVT	MANAL	10 CC	86					
THRUST	STAB	MANAL	5 CO	76 *	77 *	158	164		
THRUST	THIM	MANAL	10 CO	48	49	55	86		
THRUST	TVTRIM	MANAL	15 CO	67 *	125	132 *	258		
THRUST	WHOPTM	MANAL	13 CO	104					
THRUST	WHPERT	MANAL	5 CO	34 IO	34 IO				
THRUST	WRVP	MANAL	5 CO	35 IO	35 IO				
THSTD	ATMINT		27 *	28	30	32	41 *	42	
THUNS	RUNDER	UNSARO	12 CO	17 *	17	22 *	23		
THUNS	UNSDER	UNSARO	22 CO	29 *	29	34 *	35		
THUNS	ZERO	UNSARO	27 CO	121 *					
TILT	MNEM		34 SN						
TILT	MTLT		21 SN						
TILT	TILT		1						
TILTI	FLDRM		34 SN						
TILTI	MNEM		36 SN						
TILTI	TILT		42						

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TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS					
TILT2	MNEM		35 SN					
TILT2	TILT		34					
TILT2	VAHI		97 SN					
TIME	AFTRIM	STRIMA	27 CO	90 *				
TIME	AUXJET	STRIMA	8 CO	14	23			
TIME	BRTHFN	STRIMA	11 CO	19				
TIME	FXTCMS	STRIMA	11 CO	23	23	31	40	
TIME	FLDRM	STRIMA	10 CO	14				
TIME	MANU	STRIMA	17 CO	53				
TIME	TIMLP	STRIMA	13 CO	82 *	92			
TIME	VAHI	STRIMA	140	142	167	180		
TIME	VAHI	STRIMA	16 CO	41	44	45	46	118	132
TIME	VGUNS	STRIMA	11 CO	16				
TIME	VSCAS	STRIMA	4 CO	9				
TIMEIN	VGUNS		18 *	19	19	20		
TIMEQ0	AFTRIM		124 SN					
TIMEQ0	MANU		23 SN					
TIMEQ0	TIMEQ0		1					
TIMEX	START		36 SA					
TIMEX	WRMANU		23 SN					
TIMEX	WRTRIM		40 SN					
TIMLP	MANU		51 SN					
TIMLP	TIMLP		1					
TIPLFT	INFO	STARAN	21 CO	127 *	128 *			
TIPLFT	RADIAL	STARAN	23 CO	161				
TIPLFT	VIND	STARAN	13 CO	19 *	23 *			
TIPLOS	INFO	STARAN	21 CO	94 *	96	128	128	
TIPLOS	VIND	STARAN	13 CO	18 *	23	20	22	
TIVAR	AFTRIM		97 SN					
TIVAR	RESTRT		147 SN					
TIVAR	TIVAR		1					
TLBUCM	STUFNM	STARAN	26 CO	161				
TLBUCM	STBZIN	STARAN	18 CO	77 *				
TLEFT	START		36 SA					
TLEFT	WRMANU		23 SA					
TLEFT	WRTRIM		40 SA					
TLIM	TVTRIM		81 *	121	122 *	122		
TMATBM	ANAL	MANAL	42	42	43	43	48	48
TMATBM	ANAL	MANAL	48	49	49	49	50	50
TMATBM	ANAL	MANAL	12 CO	38	38	38	39	39
TMATBM	ANAL	MANAL	66	66	66	67	67	67
TMATBM	ANAL	MANAL	40	40	40	41	41	41	42
TMATBM	ANAL	MANAL	57	57	58	58	58	59	59
TMATBM	ANAL	MANAL	55	55	55	56	56	56	57
TMATBM	ANAL	MANAL	59	60	60	60	65	65	65
TMATBM	CGXARM	MANAL	4 CO	21	25				
TMATBM	CGYARM	MANAL	4 CO	23	29				
TMATBM	CGZARM	MANAL	8 CO	23	27				
TMATBM	FUSFNM	MANAL	11 CO	31	31	32	32	33	33
TMATBM	INRTN	MANAL	9 CO	33 SA					
TMATBM	ITROT	MANAL	14 CO	151	151	151	152	152	152
TMATBM	MNEM	MANAL	62	62	68	68	68	69	69
TMATBM	MNEM	MANAL	69	70	70	70			
TMATBM	MNEM	MANAL	10 CO	37	38	39	40	41	42
TMATBM	MNEM	MANAL	60	60	60	61	61	61	62
TMATBM	MODES	MANAL	78	79	80	82	83	84	
TMATBM	MODES	MANAL	6 CO	70	71	72	74	75	76
TMATBM	MTLT	MANAL	5 CO	16 SA	20 SA	29	30	31	32
TMATBM	MTLT	MANAL	33	36					
TMATBM	PDPFOD	MANAL	7 CO	22	22	22	23	23	23
TMATBM	PYLACC	MANAL	8 CO	29	29	29	30	30	30
TMATBM	STBFNM	MANAL	16 CO	97	97	98	98	99	99
TMATBM	SWSRAT	MANAL	48	48	48	49	49	49	50
TMATBM	SWSRAT	MANAL	52						
TMATBM	SWSRAT	MANAL	41	42	42	42	43	43	43
TMATBM	SWSRAT	MANAL	38	38	39	39	39	41	41
TMATBM	SWSRAT	MANAL	14 CO	28 SA	34	37	37	37	38
TMATBM	SWSRAT	MANAL	50	50	51	51	51	52	52
TMATBM	TILT	MANAL	37	37	55				
TMATBM	TILT	MANAL	5 CO	34	34	35	35	36	36
TMATBM	WING	MANAL	11 CO	50	50	51	51	52	52
TMATBM	XSTUHE	MANAL	5 CO	32	32	33	33	34	34
TMATFB	AJACOB	MANAL	62	63	63	72	73		
TMATFB	AJACOB	MANAL	51	52	53	58	61	61	62
TMATFB	AJACOB	MANAL	45	46	46	46	50	50	50
TMATFB	AJACOB	MANAL	10 CO	43 SA	44	44	44	45	45
TMATFB	ANAL	MANAL	12 CO	32	33	34			
TMATFB	GUST	MANAL	29	29	30	30	30	31	31
TMATFB	GUST	MANAL	27	27	27	28	28	28	29
TMATFB	GUST	MANAL	72	73	74	77	78	79	82

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
TMATFB	GUST	MANAL	5 CO	25	25	25	26	26	26
TMATFB	GUST	MANAL	83	84	90	91	92		
TMATFB	GUST	MANAL	31	42	42	42	43	43	43
TMATFB	MNEM	MANAL	10 CO	43 SA	44	44	44	45	45
TMATFB	MNEM	MANAL	45	46	46	46			
TMATFB	QUAN	MANAL	9 CO	83 SA	84	84	84	85	85
TMATFB	QUAN	MANAL	85	86	86	86			
TMATFB	SWSRAT	MANAL	14 CO	34					
TMATFB	VJRGST	MANAL	80	80	81	81	82	82	85
TMATFB	VORGST	MANAL	5 CO	27	27	28	28	29	33
TMATFB	VORGST	MANAL	31	32	43	43	43	44	44
TMATFB	*VORGST*	*MANAL*	*100*	*134*					
TMATFB	VORGST	MANAL	91	91	92	92	99	99	100
TMATFB	VORGST	MANAL	85	86	86	87	87	90	90
TMATFB	VORGST	MANAL	100	101	101	102	102	103	103
TMATFB	VURGST	MANAL	44	47	47	47	48	48	48
TMATFM	AZMUTH	ANDDIT	2 TY	5 CO	82	82	83	83	139
TMATFM	RGUST	ANDDIT	5 CO	69	70	71	74	75	76
TMATFM	RVRGST	ANDDIT	43	43	44	44	45	45	
TMATFM	RVRGST	ANDDIT	3 CO	20	20	20	21	21	21
TMATFM	SWSRAT	ANDDIT	3 CO	32 *	34 *	34	36		
TMATJB	ANAL	STARAN	17 CO	86	87	88	89	90	91
TMATJB	JFBGIN	STARAN	15 CO	48 SA	49	50	51	52	53
TMATJB	JFBGIN	STARAN	54						
TMATMB	WRFM		18 TY	44 SA	45 SA	47 SA	51 SA	55 SA	59 SA
TMATMB	WRFM		25 SA	98 SA					
TMATMB	WRFM		61 SA	66 SA	71 SA	77 SA	82 SA	87 SA	91 SA
TMATMB	WROPTM		35 TY	94 SA	95 SA	96 SA	97 SA		
TMAX	AFTRIM	MANAL	12 CO	91 *					
TMAX	MANU	MANAL	8 CO	37	42 *	47 *			
TMAX	READIN	MANAL	5 CO	113 *					
TMAX	RESTRT	MANAL	19 CO	70 *	91	120 *			
TMAX	SIVAR	MANAL	6 CO	31 IO					
TMAX	TRIM	MANAL	8 CO	47					
TMAX	TVTRIM	MANAL	13 CO	75 *	79 *	81	122		
TMAXS	AFTRIM	STRIAB	24 CO	91					
TMAXS	TRIM	STRIAB	22 CO	47 *					
TMPANG	SMKINT		46 *	47	48				
TMPSUM	SWAS		61	61	61	62	62	62	79
TMPSUM	SWAS		17 TY	29 *	32 *	32	44	44	44
TMPSUM	SWAS		91						
TMPSUM	SWAS		79	79	80	80	80	91	91
TMPVX	STBFNM		75 *	78					
TMRS	INSTAB	STRIAB	21 CO	128 *					
TMRS	ITRIM	STRIAB	20 CO	73	80 *				
TMRS	JACOBI	STRIAB	14 CO	33					
TMRS	STAB	STRIAB	17 CO	76					
TMRS	TRIM	STRIAB	22 CO	48 *					
TMRSAV	CONSTB	STBD	14 CO	31					
TMRSAV	INSTAB	STBD	19 CO	52 *					
TNLST2	CLCD		45 *	46					
TNL14	YSINIT		23 *	24	34				
TOM	QSBDPF		30 *	31	35	36			
TOMQ	QSBDPF		31 *	32	35	36			
TUMQ1	QSBDPF		32 *	35	36				
TUPL	RESTRT		46 TY	52 CO	55 IO	65 IO	109 IO	114 IO	136 IO
TOPL	RESTRT		137 IO						
TOPL	TIMEJO	TOPLOT	20 CO	30 IO	36 IO				
TOPLOT		TOPLOT	23 CO						
TUPLOT		TOPLOT	1 CO						
TORQ	AZMUTH	ANDDIT	4 CO	7 TY	149 *	149			
TORQ	FOCUS	ANDDIT	3 CO	5 TY	45				
TORQ	ITROT	ANDDIT	2 CO	5 TY	108 *				
TORQUE	AFTRIM	MANAL	14 CO	77 *	95	95			
TORQUE	AJACOB	MANAL	13 CO	95	85				
TORQUE	ANAL	MANAL	12 CO	87	64				
TORQUE	DERIV	MANAL	11 CO	47	47				
TORQUE	FOCUS	MANAL	9 CO	45 *					
TORQUE	ITRTR	MANAL	9 CO	35	53				
TORQUE	MAPSMP	MANAL	12 CO	29	30	41	42		
TORQUE	INSTAB	MANAL	7 CO	104	108	127	127		
TORQUE	JACOBI	MANAL	5 CO	53	53				
TORQUE	STAB	MANAL	5 CO	118	118	162	166		
TORQUE	TVTRIM	MANAL	15 CO	128	135 *	261			
TORQUE	WROPTM	MANAL	13 CO	109	110	117	126		
TORQUE	WRPERT	MANAL	5 CO	34 IO	34 IO				
TORQUE	WRVP	MANAL	5 CO	35 IO	35 IO				
TORQUE	ZERO	MANAL	10 CO	56 *					
TOTZ	LOADT		102 *	111 *	111	120 *	120	122 IO	
TOT9Z	LOADT		103 *	113 *	113	121 *	121	122 IO	

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS					
TD202	JSTRED		1	241 *				
TD202	READIN		55 *	58 SA	59			
TD500	POSRED		1	10 *				
TD500	REDID		19 *	20 SA	21			
TPSIDD	AZMUTH	ANDDIT	2 TY	5 CC	144 *	144		
TPSIDD	ITROT	ANDDIT	3 CC	117 *				
TR	SIVAR		29 TY	29 TY	29 TY	29 TY		
TRACKR	SIVAR	4ANAL	9 CD	73 *				
TRACKR	SUPERP	4ANAL	56	57	67			
TRACKR	SUPERP	4ANAL	6 CD	32	33	44	44	45
TRALT	QUAN	STAMAN	12 CC	94				
TRALT	RTINIT	STAMAN	11 CD	46 *	47			
TREC	INSCAS		42	43	44	45		
TREC	INSCAS		35 *	36	37	38	39	40
TRIG	LOADT		31 TY	34 TY	142 SA	143 SA		
TRIG	WRBMTV		1	3 TY	12	12		
TRIG	WRSMTV		1	3 TY	36	36		
TRIM	CONTRM		6 SN					
TRIM	TRIM		1					
TRIMS	TRMINT		8 TY	11 TY	41 IO			
TRIND	DERIV	4ANAL	10 CD	38				
TRIND	LIZE	4ANAL	13 CC	76 *				
TRIND	USEOPF	4ANAL	10 CD	23				
TRIND	QUAN	4ANAL	7 CD	94				
TRIND	RTINIT	4ANAL	7 CC	45 *	46	47		
TRIND	START	4ANAL	11 CC	47	48			
TRIND	XCONIN	4ANAL	7 CD	59	60			
TRMINT	START		40 SN					
TRMINT	TRMINT		1					
TRMTP	ITRIM		28 TY	30 TY	64 IO	66 IO		
TS	WING		164 *	165 *	175	176		
TSTAB	CONSTB	STRIMA	16 CD	40 *	40	42 *		
TSTAB	JSTRED	STRIMA	18 CC	242 IO				
TSTAB	LIZE	STRIMA	12 CC	151 *				
TSTAB	MANU	STRIMA	17 CC	53	53			
TSTAB	NPUTOT	STRIMA	18 CC	137 IO				
TSTAB	READIN	STRIMA	21 CD	39 NA				
TSTAB	RESTRT	STRIMA	16 CC	57 *	97			
TSTAB	START	STRIMA	29 CD	57 *	59	59 *		
TSTABS	RESTRT		47 TY	57	97 *	100	100 *	
TTLATB	PTROUT	ATAB	2 CD	30 SA	29 SA	38 SA		
TTLATB	RLDATB	ATAB	2 CC	13 IO				
TTRS	INSTAD	STRIAD	21 CD	129 *				
TTRS	ITRIM	STRIAD	20 CD	71	81 *			
TTRS	JACOBI	STRIAD	14 CD	34				
TTRS	STAB	STRIAD	17 CC	77				
TTRS	TRIM	STRIAD	22 CC	49 *				
TTRSAV	CONSTB	STBD	14 CC	32				
TTRSAV	INSTAD	STRD	19 CD	53 *				
TUSED	START		36 SA					
TUSED	WRMANU		23 SA	24 IO				
TUSED	WRTRIM		40 SA	41 IO				
TVLOOP	ITROT		34 TY	41 *	53 *			
TVROT	INIT		22 TY	23 EQ	34 *	35 *	36 *	37 *
TVROT	INIT		39 *	40 *	41 *	42 *	44 *	46 *
TVROT	INIT		47 *	47	48 *	48	50 *	50
TVTRIM	ROTAN		72 SN					
TVTRIM	TVTRIM		1					
T#ICE	ALLMAT		7 TY	204 *	213 *	231		
T#IST	CHOINT	4ANAL	7 CC	28 *				
T#IST	HADHGN	4ANAL	2 TY	13 CD	71			
T#IST	SMAINT	4ANAL	8 CD	34				
T#IST	UNSTED	4ANAL	2 TY	13 CD	133			
T#IST	WRCPTM	4ANAL	12 CC	85				
T#OPI	ALSTAB	4ANAL	5 CD	41	77 SA			
T#OPI	AZMINT	4ANAL	11 CD	28	28			
T#OPI	CUCL	4ANAL	2 TY	11 CD	40	41		
T#OPI	CUCD	4ANAL	8 CD	33				
T#OPI	INPC	4ANAL	8 CD	42	132	132		
T#OPI	JFBGIN	4ANAL	7 CC	67				
T#OPI	LIZE	4ANAL	13 CC	76 *				
T#OPI	LOADT	4ANAL	12 CD	52				
T#OPI	PHSMAG		1	33	37			
T#OPI	PYEINT	4ANAL	7 CC	22				
T#OPI	SMAINT	4ANAL	8 CD	24				
T#OPI	SIVAR	4ANAL	7 CC	98	170			
T#OPI	TIMED	4ANAL	6 CD	20	21	24	24	
T#OPI	TVTRIM	4ANAL	14 CD	108	108			
T#OPI	YSINIT		3 TY	27				
T#LTMD	INHMSS		21 TY	39				

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS					
TZERO	MNEM	STRIAB	22 CO	99				
TZERO	HEADIN	STRIAB	18 CO	108 IO	109 *	110	113 *	
TZERO	RESTRT	STRIAB	33 CO	89				
TZM	MOMB	STRIMA	2 CO	7 EQ				
TZM	RESTRT	STRIMA	36 CO	51 EQ				
TZMS	MRTRFM	STRIMA	11 CO	17 EQ				
TZMS	MOMB	STRIMA	2 CO	7 EQ				
TZMS	SWAS	STRIMA	11 CO	36	37			
TZMS	XCONIN	STRIMA	14 CO	55 *				
TZPDT	AZMINT	ANDDIT	2 CO	89 *				
TZPDT	AZMOUT	ANDDIT	2 CO	21				
TZPDT	INTFNQ	ANDDIT	2 TY	4 CO	21			
TZPDT	RADBGN	ANDDIT	2 TY	4 CO	71			
TZPDT	SHRCTL	ANDDIT	2 CO	62 *	62			
TZPDTO	AZMOUT		21 *	33 IO				
TZR	AZMINT	MANAL	10 CO	89				
TZR	DERIV	MANAL	9 CO	37 *	37	38 *	38	
TZR	FOCUS	MANAL	7 CO	29 *	29			
TZR	GRPCNT	MANAL	10 CO	65	68			
TZR	GRPRTR	MANAL	7 CO	21	39			
TZR	INSTAB	MANAL	5 CO	140				
TZR	ITROT	MANAL	12 CO	37	160 *			
TZR	STAB	MANAL	3 CO	93 *	179 *			
TZR	SWAS	MANAL	3 CO	37 *	44 *	84 *	91 *	
TZR	TVTRIM	MANAL	13 CO	64	227 *			
TZR	UNSTEO	MANAL	12 CO	103				
TZR	WROPTM	MANAL	11 CO	43				
TZRS	TVTRIM		64 *	227				
TZRSTB	INSTAB	STRIAB	22 CO	140 *				
TZRSTB	STAB	STRIAB	18 CO	93	179			
TZSWAS	ITROT		37 *	160				
TZTS	SWAS	STRIMA	11 CO	83	84			
TZTS	XCONIN	STRIMA	14 CO	58 *				
TZTW	DUNDER	STARAN	9 CO	22				
TZTW	RADBGN	STARAN	2 TY	23 CO	71 *			
TZTW	RADIAL	STARAN	147					
TZTW	RADIAL	STARAN	2 TY	23 CO	73	74	132	141	142
TZTW	RADOUT	STARAN	17 CO	34	57			
TZTW	UNSOFR	STARAN	19 CO	34				
TZTW	UNSTEO	STARAN	22 CO	104				
TZTWO	RADOUT		34 *					
T1	FOCUS	MANAL	34					
T1	FOCUS	MANAL	7 CO	24	25	26 *	30 *	30	33
T1	GRPCNT	MANAL	10 CO	66	69			
T1	GRPRTR	MANAL	7 CO	22	23	40	41	
T1	INSTAB	MANAL	5 CO	141				
T1	ITROT	MANAL	12 CO	38	161 *	163	164	
T1	PRETVT	MANAL	8 CO	57	59			
T1	STAB	MANAL	3 CO	94 *	180 *			
T1	SWAS	MANAL	3 CO	49 *	50 *	61 *	62 *	
T1	TVTRIM	MANAL	13 CO	65	228 *			
T1	WROPTM	MANAL	11 CO	46	86			
T1MS	PRETVT	STRIMA	23 CO	57 *				
T1MS	SWAS	STRIMA	11 CO	47	49			
T1MS	XCONIN	STRIMA	14 CO	56 *	59			
T1S	FOCUS		24 *	26				
T1S	TVTRIM		65 *	228				
T1STB	INSTAB	STRIAB	22 CO	141 *				
T1STB	STAB	STRIAB	18 CO	94	180			
T1SWAS	ITROT		38 *	161				
T1TS	PRETVT	STRIMA	23 CO	59 *				
T1TS	SWAS	STRIMA	11 CO	48	50			
T1TS	XCONIN	STRIMA	14 CO	59 *				
T2	FOCUS	MANAL	34					
T2	FOCUS	MANAL	7 CO	24	25	27 *	31 *	31	33
T2	GRPCNT	MANAL	10 CO	67	70			
T2	GRPRTR	MANAL	7 CO	22	23	40	41	
T2	INSTAB	MANAL	5 CO	142				
T2	ITROT	MANAL	12 CO	39	162 *	163	164	
T2	PRETVT	MANAL	8 CO	58	60			
T2	STAB	MANAL	3 CO	95 *	181 *			
T2	SWAS	MANAL	3 CO	67 *	68 *	79 *	80 *	
T2	TVTRIM	MANAL	13 CO	66	229 *			
T2	WROPTM	MANAL	11 CO	50				
T2MS	PRETVT	STRIMA	23 CO	58 *				
T2MS	SWAS	STRIMA	11 CO	65 *	67			
T2MS	XCONIN	STRIMA	14 CO	57 *	60			
T2S	FOCUS		25 *	27				
T2S	TVTRIM		66 *	229				
T2STB	INSTAB	STRIAB	22 CO	142 *				

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
T2STH	STAU	STRIAD	18 CO	95	181				
T2SWAS	LTRCT		39 *	162					
T2TS	PRETVT	STRIMA	43 CO	60 *					
T2TS	SWAS	STRIMA	11 CO	66	68				
T2TS	XCONIN	STRIMA	14 CO	60 *					
T3T4TS	INSCAS		33 *	34	34 *	35			
U	MANU		61						
U	RADIAL	STARAN	2 TY	23 CO	53 *	54	55	57	63
U	RADIAL	STARAN	111	114	133				
U	TVTRIM	STARAN	25 CO	188					
U	UNSTED	STARAN	2 TY	22 CO	57	58	59	63	71
U	UNSTED	STARAN	87	102	105	106	106	106	122
U	UNSTED	STARAN	129	130					
U3S	STBENM		97 *	121	122				
UBS	WING		50 *	75	76				
UGUST	RGUST		79 *	80	82				
UMS	MNEM	STARAN	16 CO	65 *	74 *				
UMS	SWSRAT	STARAN	18 CO	46 *	47				
UMS	VIND	STARAN	10 CO	25	36				
UNA	USBDPF		33 *	35	36				
UNB	USBDPF		34 *	35	36				
UNIT	INSTAB		31 TY	147 *	148 *	149 *	150 *	152	153
UNIT	INSTAB		154	155					
UNSDER	RADIAL		77 SN						
UNSDER	UNSDER		1						
UNST	WNDPTN		35 TY	38 TY	75	76			
UNSTED	RADIAL		90 SN						
UNSTED	UNSTED		1						
UP	RADBGN	STARAN	2 TY	23 CO	68 *				
UP	RADIAL	STARAN	2 TY	23 CO	46	56	134	135	
UP	RADOUT	STARAN	17 CO	25 IO	39 IO	59			
UP	UNSDER	STARAN	19 CO	50					
UP	UNSTED	STARAN	22 CO	86					
UPGUST	RADBGN	STARAD	2 TY	18 CO	68				
UPGUST	RGUST	STARAD	15 CO	80 *					
UPLMT	DAMPER		13 *	14 *	15				
UPTSQ	RADIAL		46 *	47	53				
UPUNS	RADIAL	UNSARO	2 TY	31 CO	79				
UPUNS	UNSDER	UNSARO	22 CO	28 *	28	50 *	51		
UPUNS	ZERO	UNSARO	27 CO	122 *					
UQBSGA	RADIAL		2 TY	63 *	133	134	135		
UR	RADBGN	STARAN	2 TY	24 CO	70 *	73	74	75 *	
UR	RADIAL	STARAN	126						
UR	RADIAL	STARAN	2 TY	24 CO	47	49	87	92	126
UR	RADOUT	STARAN	18 CO	25 IO	39 IO	61			
URGUST	RADBGN	STARAD	2 TY	18 CO	70				
URGUST	RGUST	STARAD	15 CO	82 *					
UT	RADBGN	STARAN	2 TY	23 CO	69 *	73	74 *	74	
UT	RADIAL	STARAN	87	134	135				
UT	RADIAL	STARAN	2 TY	23 CO	46	49	49	56	87
UT	RADOUT	STARAN	17 CO	25 IO	39 IO	60			
UT	UNSTED	STARAN	2 TY	22 CO	33	102			
UTGUST	RADBGN	STARAD	2 TY	18 CO	69				
UTGUST	RGUST	STARAD	15 CO	81 *					
UTOT	RADIAL		2 TY	47 *	52	92			
U0	MANM		11 *	13					
U1	MANM		9 *	11	12	13 *	16	17	
U2	MANM		7 *	11	12 *	16			
V	AJACUB	MANAL	8 CO	47 *	58				
V	ALSTAB	MANAL	4 CO	77 SA					
V	MDRDNS	MANAL	3 CO	38	39				
V	MNEM	MANAL	8 CO	47 *	64	73			
V	PHSMAG		1	54	55	56	57		
V	QUAN	MANAL	6 CO	89 *					
V	TIMLP	MANAL	5 CO	83					
V	WHINST	MANAL	5 CO	46	47				
VAR	AJACUB		30 TY	31 EQ	119 SA				
VAR	CORN		1	15 TY	30 *	30			
VAR	ITRIM		28 TY	29 EQ	111 SA	138 SA	140		
VAR	JACOBI		22 TY	23 EQ	42 *	42	45 *	45	59 *
VAR	JACOBI		99						
VAR	STAB		25 TY	26 EQ	51 *	51	55 *	55	
VAR	TRIM		31 TY	32 EQ	94	94	95 IO		
VAR	WIPLMT		14 TY	15 EQ	22				
VAR	WNTRIM		24 TY	25 EQ	31 SA				
VAR	WVP		1	15 TY	27				
VARO	WPPERT		14 TY	15 EQ	15 EQ	15 EQ	22 *		
VARO	WVP		15 TY	27 *	34 IO				
VARDE2	AZMINT		88 *	99	90				
VARFRO	WNSINT	STARAN	19 CO	68 *	69 *	70 *	71 *		

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS							
VARFRQ	LIZE	STARAN	23 CO	118 *						
VARFRQ	MODAL	STARAN	19 CO	79 10	79 10	79 10	79 10			
VARFUS	#RPERT		14 TY	15 EQ	31 10					
VARI	DERIV		35 SN							
VARI	VARI		1							
VARL	STAB		25 TY	26 EQ	59 *	59	62 *	62	177 *	
VARL	STAB		177							
VARL	#RPERT		14 TY	15 EQ	28	29				
VARPDS	#RPERT		14 TY	29 *	33 10					
VARPRT	#PPERT		14 TY	28 *	33 10					
VARSV	CONSTB	STBD	18 CO	44						
VARSV	INSTAB	STBD	19 CO	57 *						
VARTDS	#RPERT		14 TY	15 EQ	32 10					
VARTRT	#RPERT		14 TY	15 EQ	32 10					
VARI	CONSTB		21 TY	22 EQ	44 *					
VARI	INSTAB		31 TY	32 EQ	57					
VBS	STBFNM		99 *	120	123					
VBS	#ING		52 *	74	77					
VCTMAX	PHSMAG		59 *	63	63 *	76				
VDISP	AZMINT	ANDDIT	3 CO	85 *						
VDISP	AZMUTH	ANDDIT	2 TY	5 CO	92 *	92	92	92	92	
VDISP	AZMUTH	ANDDIT	109							
VDISP	RADBGN	ANDDIT	2 TY	5 CO	62 *					
VECT	ALLMAT		212 *	212	212	215 *	215	222 *	222	
VECT	ALLMAT		236 *	236	236	239	240 *	240	241 *	
VECT	ALLMAT		6 TY	167	203 *	209	210 *	210	211 *	
VECT	ALLMAT		222	225 *	225	226	228	230 *	230	
VECT	PHSMAG		57	61	68	68	72	72	76	
VECT	PHSMAG		7 TY	27 SA	55 *	55	56 *	56	57 *	
VECTMX	PHSMAG		62 *	63	63					
VEL	STBFNM		126 *	143 *	145	146	151			
VEL	#ING		80 *	82 *	84	85	97	165	165	
VEL	XSTORE		38 *	40	41	68				
VELACG	FUSFNM	MANAL	10 CC	36 *	39 *	41	43	44	45	
VELIND	RADBGN	FORWR	2 TY	9 CO	30					
VELIND	#TRAKE	FORWR	2 TY	8 CO	47 *					
VELSQ	FUSFNM		35 *	38	39	127				
VELSQ	STBFNM		125 *	131	143	158				
VELSQ	#ING		79 *	81	82	104	148	163		
VELSQ	XSTORE		36 *	37	38	57				
VELXZ	FUSFNM		34 *	35	40					
VELXZ	STBFNM		124 *	125	144					
VELXZ	#ING		78 *	79	83					
VELXZ	XSTORE		35 *	36	39					
VGSTM	GUST	STRIMA	21 CC	92 *						
VGSTM	VORGST	STRIMA	21 CO	103 *	104 *					
VGSTM	#ING	STRIMA	26 CO	51						
VGUNS	VARI		130 SN							
VGUNS	VGUNS		1							
VGUST	FUSFNM	STAMAN	14 CC	27						
VGUST	GPFLGE	STAMAN	10 CO	30						
VGUST	GUST	STAMAN	8 CO	74 *						
VGUST	VORGST	STAMAN	8 CO	82 *						
VGUSTR	RGUST	STARAD	15 CO	30 *	71 *	76 *	80	82		
VGUSTR	RVRGST	STARAD	12 CO	45 *						
VGUSTS	GUST	MANAL	5 CO	79 *						
VGUSTS	STBFNM	MANAL	16 CO	98						
VGUSTS	VORGST	MANAL	5 CO	87 *						
VGUSTX	GUST	MANAL	6 CO	84 *						
VGUSTX	VORGST	MANAL	6 CO	92 *						
VGUSTX	XSTORE	MANAL	6 CO	33						
VH	GRPELT	STRIMA	17 CC	22	69	69				
VH	MNEM	STRIMA	25 CO	48 *	50					
VH	QUAN	STRIMA	21 CO	88 *	93					
VH	RECPTM	STRIMA	31 CO	45 *	47	52	118	126		
VHS	FUSFNM	ANDDIT	2 CO	140	141					
VHS	GRPHTR	ANDDIT	2 CO	33	51					
VHS	GRPSHP	ANDDIT	2 CO	34	46					
VHS	ITRUT	ANDDIT	2 CC	74						
VHS	SWSHAT	ANDDIT	2 CO	47 *	69	70	70	71		
VHSC	QUAN		87 *	88	89					
VI	FRQRES		18 *	19	20	20	24 *	25	26	
VI	FRQRES		26							
VI	NUMRTF		77 *	79	81	81				
VI	PHSMAG		29 *	30	31 *	31	33	39	53 10	
VIFCTR	FUSFNM	MANAL	10 CC	31	31	32	32	33	33	
VIFCTR	INNO	MANAL	8 CO	100 *						
VII	PHSMAG		30 *	35	37					
VIMNS	CONSTB	STBD	14 CO	33						
VIMNS	INSTAB	STBD	19 CO	54 *						

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS							
VIMKS	STAB	STBD	15 CO	78						
VIND	ITRDT		61 SN							
VIND	MNEM		67 SN	76 SN						
VIND	VIND		1							
VIR	AFTHIM	MANAL	12 CO	80 *						
VIR	AZMINT	MANAL	10 CO	45						
VIR	CONSTB	MANAL	3 CO	33 *	34 *					
VIR	FUSFNM	MANAL	9 CO	29	30					
VIR	GMPMTR	MANAL	7 CO	38	56					
VIR	INSTAB	MANAL	5 CO	54	55					
VIR	ITRCT	MANAL	72	78	79					
VIR	ITROT	MANAL	12 CO	56	57 *	64	68 *	70 *	70	
VIR	MNEM	MANAL	8 CO	52 *	53 *					
VIR	RADMON	MANAL	2 TY	12 CO	33					
VIR	RTBAKE	MANAL	7 CO	47						
VIR	STAB	MANAL	3 CO	78 *	79 *					
VIR	STBFNM	MANAL	14 CO	92	93	94	95			
VIR	STBMAK	MANAL	7 CO	55						
VIR	TVTHIM	MANAL	13 CO	131	138 *	264				
VIR	UNSDEV	MANAL	9 CO	50						
VIR	VIND	MANAL	3 CO	34	36 *	37	38	41 *	41	
VIR	VIND	MANAL	47	48 IO						
VIR	WING	MANAL	9 CO	45	46					
VIR	WRPERT	MANAL	3 CO	34 IO	34 IO					
VIR	WRVP	MANAL	3 CO	35 IO	35 IO					
VIR	XSTORE	MANAL	3 CO	32	32	33	33	34	34	
VIRS	ITROT		56 *	64	69	70				
VIRS	VIND		34 *	38	47					
VIRSTR	STBFNM	FUSWK	9 CO	96	97					
VIRSTR	STBMAK	FUSWK	4 CO	14 *	55 *					
VIRSTR	WING	FUSWK	6 CO	41	42					
VIRTWK	DEFIV	STRIMA	29 CO	159						
VIRTWK	FOCUS	STRIMA	20 CO	56 *						
VIR1	FUSFNM		29 *	31	32	33				
VIR1	STBFNM		86 *	90 *	92 *	94 *	97	98	99	
VIR1	WING		41 *	45 *	48 *	50	51	52		
VIR2	FUSFNM		30 *	31	32	33				
VIR2	STBFNM		87 *	91 *	93 *	95 *	97	98	99	
VIR2	WING		42 *	46 *	47 *	50	51	52		
VITRS	CONSTB	STBD	14 CO	34						
VITRS	INSTAB	STBD	19 CO	55 *						
VITRS	STAB	STBD	15 CO	79						
VI2	ITRCT	ANDCIT	2 CO	78						
VI2	ROTAN	ANDCIT	2 CO	69 *	73					
VI4	ITRCT	ANDCIT	2 CO	78						
VI4	ROTAN	ANDCIT	2 CO	73 *						
VLAMDA	RADIAL		86 *	87 *	89	89 *	90 SA			
V_AMDA	UNSTED		1	2 TY	75	127				
VMAXST	STBFNM	STAKAN	26 CO	94	95					
VMAXST	STDZIN	STAKAN	18 CO	81 *	84 *	86	86	88	88	
VNTER	STBFNM	STAKAN	26 CO	92	92	93	93			
VNTER	STRZIN	STAKAN	18 CO	83 *	83 *	86	86	88	88	
VORGST	GUST		35 SN							
VORGST	VORGST		1							
VR	FRGNES		17 *	19	20	23 *	25	26		
VR	NUMRTF		76 *	81	81	83	88	89		
VR	PHSMAG		51							
VR	PHSMAG		28 *	31	32	39	42 *	48	50	
VROT	FUSFNM	STAKAN	17 CO	140	140	141	141			
VROT	MNEM	STAKAN	16 CO	64 *	73 *					
VROT	ROTAN	STAKAN	18 CO	66 *	69					
VROT	VIND	STAKAN	10 CO	41	41					
VS	BROPTM		118 *	119	120					
VSCAS	VAKI		103 SN	108 SN	113 SN					
VSCAS	VSCAS		1							
VSHR	FOCUS	MANAL	7 CO	46 *						
VSHR	GRSHFT	MANAL	6 CO	23	36					
VSHR	LOADT	MANAL	11 CO	51 IO	72					
VSHR	SHRPYL	MANAL	7 CO	37 *	37					
VSHR	TVTHIM	MANAL	13 CO	114 IO						
VSHRN	AZMUTH	ANDCIT	4 CO	7 TY	137 *	137				
VSHRN	FOCUS	ANDCIT	2 CO	5 TY	46					
VSHRN	ITROT	ANDCIT	2 CO	5 TY	111 *	140 *	140	146 *	154	
VSHRN	RDPEDD	ANDCIT	2 CO	5 TY	25	39 IO				
VSND	ATHINT	STAKAD	11 CO	33 *	38 *	39				
VSND	GMPSHP	STAKAD	18 CO	34	46					
VSND	RADIAL	STAKAD	2 TY	18 CO	52	54				
VSND	STBFNM	STAKAD	22 CO	151						
VSND	UNSTED	STAKAD	17 CO	119						
VSND	WING	STAKAD	17 CO	97						

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS							
VBND	BRDPTH	STARAD	20 CO	52						
VBND	BNTRIM	STARAD	8 CO	47						
VBOUND	UNSTLD		119 *	120						
VIFFA	VARI		96 SN							
VIFFA	VIFFA		1							
VVI	RVRGST		31 *	33 *	35	36				
VVI	VORGST		68 *	70 *	72	73				
VV2	RVRGST		32 *	34 *	35	36				
VV2	VORGST		69 *	71 *	72	73				
VWBS	STBFNM		120 *	121	122					
VWBS	WING		74 *	75	76					
VWDAMP	AZMUTH		2 TY							
VWRK	AZMUTH	ANDDIF	2 TY	4 CO	112 *	121 10				
VWRK	BDPFDD	ANDDIF	2 CO	25	31	37				
VWRK	DENIV	ANDDIF	2 CO	159 *	161					
VWRK	FOCUS	ANDDIF	2 CO	50						
VWRK	HRESP	ANDDIF	2 CO	51	52	53				
VWRK	ITROT	ANDDIF	2 CO	175 *	175	178				
VXB	AFTRIM	MANAL	12 CO	57	94	94				
VXB	AJACOB	MANAL	8 CO	44 *	53	66	67			
VXB	DENIV	MANAL	4 CO	126						
VXB	FUSACC	MANAL	5 CO	25	26					
VXB	FUSFNM	MANAL	3 CO	25						
VXB	GPFLGF	MANAL	5 CO	13						
VXB	MNEM	MANAL	4 CO	44 *	60	61	62	68	69	
VXB	MNEM	MANAL	70							
VXB	MODES	MANAL	4 CO	31						
VXB	QUAN	MANAL	3 CO	29 *	84	85	86	92	92	
VXB	ROTAN	MANAL	12 CO	60						
VXB	STBFNM	MANAL	14 CO	43	43	46	49	50		
VXB	STBFNM	MANAL	56	92	92	93	93	94	95	
VXB	VARI	MANAL	8 CO	65						
VXB	WING	MANAL	9 CO	32	35					
VXB	XSTORE	MANAL	3 CO	32						
VXBD	DENIV	MANAL	3 CO	129						
VXBD	FUSACC	MANAL	5 CO	24 *	31					
VXBD	ROTAN	MANAL	12 CO	63						
VXBWSH	STBFNM		67 *	75	76	78 *	97			
VXBWSH	WING		33 *	50						
VXFUS	FUSFNM	STAMAN	44	65	48	49	50			
VXFUS	FUSFNM	STAMAN	15 CO	25 *	28	31 *	31	34	42	
VXFUS	GNPFLT	STAMAN	9 CO	81	81					
VXG	VORGST		24 TY	57 *	73 *	78 *	78	80	81	
VXG	VORGST		87							
VXG	VORGST		82	85	86	87	90	91	92	
VXG	VORGST		95	95	95	95	97	97	97	
VXGK	RVRGST		19 *	36 *	41 *	41	43	44	45	
VXMVNR	STBFNM	STAMAN	26 CO	92	93					
VXMVNR	STRZIN	STAMAN	18 CO	85 *	86 *	87 *	88 *			
VXOR	AZ41NT	ANDDIF	2 CO	45 *	46 *	46				
VXOR	HADBGN	ANDDIF	2 TY	4 CO	33 *	38				
VXR	DENIV	ANDDIF	2 CO	120 *	126 *	126				
VXR	ROTAN	ANDDIF	2 CO	58 *	60 *	60	66			
VXW	SWSRAT	ANDDIF	2 CO	37	38	39				
VXRD	DENIV	ANDDIF	2 CO	123 *	129 *	129				
VXRD	ROTAN	ANDDIF	2 CO	57 *	63 *	63				
VXRD	SWSRAT	ANDDIF	2 CO	41	42	43				
VXS	AZMUTH	MANAL	2 TY	13 CO	34	59	59			
VXS	GPSHFT	MANAL	6 CO	18	31					
VXS	MNEM	MANAL	8 CO	60 *	65	68 *	74			
VXS	SWSRAT	MANAL	12 CO	37 *	46					
VXS	WROPTH	MANAL	11 CO	80	80					
VXS	ZERO	MANAL	4 CO	57 *						
VXSD	DENIV	ANDDIF	2 CO	157						
VXSD	ITROT	ANDDIF	2 CO	173						
VXSD	PDPFDD	ANDDIF	2 CO	58	65	71	80	86		
VXSD	SMNPYL	ANDDIF	2 CO	25	33					
VXSD	SWSRAT	ANDDIF	2 CO	41 *						
VXSN	AZMOUT		1	33 10						
VXSN	AZMUTH		2 TY	34 *	76	77	79 34			
VXZ	FUSFNM		40 *	44	47	48	49	50		
VXZ	STBFNM		144 *	146	147	148	149	155		
VXZ	WING		43 *	85	86	87	88	101	116	
VXZ	XSTORE		39 *	41	42	43				
VXZD	STBFNM		46 *	47	48					
VXZR	WING		32 *	33	34					
VYB	AFTRIM	MANAL	12 CO	58	94	94				
VYB	AJACOB	MANAL	8 CO	45 *	65	67				
VYB	DENIV	MANAL	2 CO	127						
VYR	FUSACC	MANAL	4 CO	24	26					

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TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
VYB	FUSENM	MANAL	9 CO	26					
VYB	GPFLGE	MANAL	5 CO	14					
VYB	MONORS	MANAL	3 CO	31					
VYB	MNEM	MANAL	8 CO	45 *	63	61	62	68	69
VYB	MNEM	MANAL	70						
VYB	QUAN	MANAL	6 CO	30 *	84	85	86	92	92
VYB	ROTAN	MANAL	12 CO	61					
VYB	STBENM	MANAL	14 CO	47	48				
VYB	VANI	MANAL	8 CO	65					
VYB	WING	MANAL	9 CO	33	34				
VYB	XSTORE	MANAL	3 CO	34					
VYBD	DERIV	MANAL	9 CO	130					
VYBD	FUSACC	MANAL	5 CO	25 *	37				
VYBD	ROTAN	MANAL	12 CO	64					
VYBMS	MONORS		31 *	43	46				
VYB*SM	STBENM		48 *	77 *	77	99			
VYB*SM	WING		34 *	52					
VYFUS	FUSENM	STAMAN	15 CO	26 *	28	32 *	32	35	41
VYFUS	FUSENM	STA4AN	42	43					
VYFUS	GRPFLT	STAMAN	9 CO	81	81				
VYR	DERIV	ANDOIT	2 CO	121 *	127 *	127			
VYR	ROTAN	ANDOIT	2 CO	55 *	61 *	61	66		
VYR	SWSRAT	ANDOIT	2 CO	37	38	39			
VYRD	DERIV	ANDOIT	2 CO	124 *	130 *	130			
VYRD	ROTAN	ANDOIT	2 CO	58 *	64 *	64			
VYRD	SWSRAT	ANDOIT	2 CO	41	42	43			
VYS	AZMUTH	MANAL	2 TY	13 CO	35	59	59		
VYS	GPSHFT	MANAL	6 CO	19	32				
VYS	MNEM	MANAL	9 CO	61 *	65	69 *	74		
VYS	S*SRAT	MANAL	12 CO	38 *	44 *	44	46		
VYS	ZERO	MANAL	8 CO	58 *					
VYSD	DERIV	ANDOIT	2 CO	157					
VYSD	ITRDT	ANDOIT	2 CO	173					
VYSD	PUPFJD	ANDOIT	2 CO	59	65	71	80	86	
VYSD	SHNPYL	ANDOIT	2 CO	24	33				
VYSD	SWSRAT	ANDOIT	2 CO	42 *	45 *	45			
VYSN	AZMOUT		1	33 10					
VYSN	AZMUTH		2 TY	35 *	76	77	79 SA		
VZB	AFTRIM	MANAL	12 CO	59					
VZB	AJACOB	MANAL	9 CO	46 *	50	65	66		
VZB	DERIV	MANAL	9 CO	128					
VZB	FUSACC	MANAL	5 CO	24	25				
VZB	FUSENM	MANAL	9 CO	27					
VZB	GPFLGE	MANAL	5 CO	15					
VZB	MONORS	MANAL	3 CO	32					
VZB	MNEM	MANAL	70						
VZB	MNEM	MANAL	8 CO	46 *	63	61	62	68	69
VZB	QUAN	MANAL	6 CO	31 *	84	85	86		
VZB	ROTAN	MANAL	12 CO	62					
VZB	STBENM	MANAL	14 CO	43	43	46	49		
VZB	WING	MANAL	9 CO	32	35				
VZB	XSTORE	MANAL	3 CO	33					
VZBD	DERIV	MANAL	9 CO	131					
VZBD	FUSACC	MANAL	5 CO	26 *	27	29 SA	33		
VZBD	ROTAN	MANAL	12 CO	65					
VZBMS	MONORS		32 *	41	51				
VZB*SM	STBENM		49 *	75	76 *	76	98		
VZB*SM	WING		35 *	51					
VZETAR	MTLT	MANAL	5 CO	17 *	35 *				
VZETAR	SWSRAT	MANAL	14 CO	58					
VZETAR	TIMLP	MANAL	7 CO	61 *	62 *				
VZFUS	FUSENM	STAMAN	50						
VZFUS	FUSENM	STAMAN	15 CO	27 *	28	33 *	33	34	49
VZG	VORGST		32	45	86	87	90	91	92
VZG	VORGST		24 TY	58 *	72 *	77 *	77	80	81
VZG	VORGST		98						
VZG	VORGST		96	96	96	96	96	98	98
VZGM	AVRGST		18 *	35 *	40 *	40	43	44	45
VZR	DERIV	ANDOIT	2 CO	122 *	128 *	128			
VZR	ROTAN	ANDOIT	2 CO	56 *	62 *	62	66		
VZR	SWSRAT	ANDOIT	2 CO	37	38	39			
VZRD	DERIV	ANDOIT	2 CO	125 *	131 *	131			
VZRD	ROTAN	ANDOIT	2 CO	59 *	65 *	65			
VZRD	S*SRAT	ANDOIT	2 CO	41	42	43			
VZS	GPSHFT	MANAL	6 CO	20	33				
VZS	MNEM	MANAL	9 CO	62 *	63	70 *	71		
VZS	S*SRAT	MANAL	12 CO	39 *	40				
VZS	WROPTM	MANAL	11 CO	80	80				
VZS	ZERO	MANAL	8 CO	59 *					
VZSD	DERIV	ANDOIT	3 CO	159					

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS					
VZSD	ITRUT	ANDUIT	3 CO	175				
VZSD	PUPFDD	ANDUIT	3 CO	59	80	86		
VZSD	SHEPYL	ANDUIT	3 CO	26				
VZSD	SHSRAT	ANDUIT	3 CO	43 *				
VZSP	AZMOUT	MANAL	10 CO	33 10				
VZSP	ITRUT	MANAL	15 CO	72				
VZSP	MNEM	MANAL	11 CO	69 *	71 *			
VZSP	RADPUN	MANAL	2 TY	15 CO	30			
VZSP	RADOUT	MANAL	10 CO	58				
VZSP	SHSRAT	MANAL	15 CO	40 *				
VZSP	UNSDER	MANAL	12 CO	50				
VZSP	VIND	MANAL	6 CO	29	37			
V31	FUSFNM		138 *	140 *	142			
V32	FUSFNM		139 *	141 *	143			
&	AJACOB	MANAL	8 CO	72	73			
&	ANAL	MANAL	10 CO	32	33	34		
&	EXTURS	MANAL	6 CO	45	47	59 *	60 *	61	63 10
&	FUSINT	MANAL	6 CO	29 *	42	44	53 *	79	79
&	FUSINT	MANAL	83						
&	GRPSHP	MANAL	10 CO	28	37				
&	MNEM	MANAL	9 CO	32					
&	RFM	MANAL	5 CO	38	86				
BAG	BAG		1						
BAG	BING		121 SN	125 SN					
B3S	STHFNM		38 *	120	123				
B3S	BING		51 *	76	77				
BDFILT	FLPINT	MANAL	6 CO	50 SA					
BDFILT	FUSACC	MANAL	9 CO	27 *	29 SA				
BDFILT	VAHI	MANAL	11 CO	65					
BEXT	EXTURS	STRIMA	51	64 *					
BEXT	EXTURS	STRIMA	12 CO	23	40	45	48	49	50
BEXT	FUSINT	STRIMA	22 CO	38	42	45	46	47	48
BEXT	GUST	STRIMA	21 CO	43	81				
BEXT	SIVAR	STRIMA	21 CO	159					
BEXT	VORGST	STRIMA	21 CO	46	89				
BEXT	XMFM	STRIMA	15 CO	34	76				
BEXT	XSTINT	STRIMA	5 CO	10 *	11 *	25			
BEXT	XSTURE	STRIMA	9 CO	31					
BING	ANAL		72 SN						
BING	BING		1						
BK	MRESP		23 TY	77 *	80	86	92		
BKCIN	BRRBK		23 TY	103 *	105 SA	115			
BKCOUT	BRKBK		20 TY	105 SA	111				
BKLMR	ITRUT	FORBK	5 CO	85	85	100			
BKLMR	REDRBK	FORBK	2 CO	44 10					
BKLMR	RTBAKE	FORBK	2 TY	4 CO	45				
BKLMR	BRKBK	FORBK	2 CO	76 10	126	126			
BKLMS	REDSBK	FOSBK	2 CO	26 10					
BKLMS	STRBAK	FOSBK	4 CO	31	53				
BKLMS	BKSBK	FOSBK	2 CO	20 10	40				
BKMOR	ITRUT	FORBK	5 CO	84	84	90			
BKMOR	REDRBK	FORBK	2 CO	43 10					
BKMOR	RTBAKE	FORBK	2 TY	4 CO	27	43			
BKMOR	BRKBK	FORBK	2 CO	76 10	121	121			
BKMOS	REDSBK	FOSBK	2 CO	25 10					
BKMOS	STRBAK	FOSBK	4 CO	21	43	51			
BKMOS	BKSBK	FOSBK	2 CO	20 10	35	35	40		
BKRTR	REDRBK	FORBK1	3 CO	57 10	63 10				
BKRTR	RTBAKE	FORBK1	2 TY	5 CO	15	18	18	22	25
BKRTR	RTBAKE	FORBK1	25	31	34	34	38	41	41
BKRTR	UNSDER	FORBK1	7 CO	45					
BKRTR	BRKBK	FORBK1	3 CO	81 10	87 10	103	111 *	115 *	
BKSTR	REDSBK	FOSBK1	3 CO	35 10	41 10				
BKSTR	STRBAK	FOSBK1	5 CO	38	39	39	41	42	42
BKSTR	STRBAK	FOSBK1	66	47	47	49	50	50	
BKSTR	BKSBK	FOSBK1	3 CO	24 10	29 10				
BKTAGN	BKTAHN		1						
BKTAGN	BRKBK		105 SN						
BKI	MRESP		97						
BKI	MRESP		20 TY	67 *	80 *	88 *	92 *	95	96
BL	HUTFLT		4 TY	13 *	14	16			
BLCG	AMINT	INSTAN	4 CO	19					
BLCG	FUSINT	INSTAN	2 CO	57 *	60	64			
BLCG	INRU	INSTAR	3 CO	65					
BLCG	JFRGIN	INSTAR	2 CO	37	103				
BLCG	STHZIN	INSTAN	4 CO	72	76				
BLCG	XSTINT	INSTAR	2 CO	28					
BLCGX	COZARM	STRIMA	15 CO	30					
BLCGX	EXTURS	STRIMA	12 CO	51	55	56	58	76	
BLCGX	FUSINT	STRIMA	22 CO	48	49	50	52	64	

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
&CGX	ASTINT	STRIMA	5 CO	14 *	28				
&NDXFM	#NDXFM		1						
&NDXFM	&RFM		47 SN	51 SN	55 SN	59 SN	61 SN	66 SN	71 SN
&NDXFM	#RFM		77 SN	82 SN	87 SN	91 SN	95 SN	98 SN	
&NDXFM	#RUPTM		96 SN	97 SN					
&NEW	EXTCRS		45 *	46	59				
&NEW	FUSINT		42 *	43	53				
&UNK	BOPFDD		25 *	33 *	37 *	39			
&ORKKM	HOPFDD		29 *	31 *	31	33			
&ORK1	HRESP		84 *	86 *	86	88			
&?	INPC		101 *	102	103	104			
&RBMTV	LOADT		142 SN						
&RBMTV	#RBMTV		1						
&RCMMT	RLADJN		53 SN						
&RCMMT	#RCMMT		1						
&RCMMT	#RUPTM		42 SN						
&RCMMT	#RTRIM		33 SN						
&RDELF	STAB		175 SN						
&RDELF	#RDELF		1						
&RFM	AJACOB		120 SN						
&RFM	#RDELF		22 SN						
&RFM	#RFM		1						
&RFM	#RMANU		26 SN						
&RFM	#RPERT		35 SN						
&RFM	#RTRIM		27 SN						
&RINST	INSTAB		244 SN						
&RINST	#RINST		1						
&RK	AZMINT	ANDOIT	2 CO	74 *					
&RK	AZMUTH	ANDOIT	2 TY	4 CO	112	121 IO	122 IO		
&RK	RADIAL	ANDOIT	2 TY	4 CO	180 *	180			
&RMANU	TIMLP		76 SN						
&RMANU	#RMANU		1						
&RMODE	MODAL		34 SN						
&RMODE	#RMODE		1						
&RMS	ALSTAB		78 SN						
&RMS	#RMS		1						
&ROPTM	AFTRIM		38 SN	39 SN					
&ROPTM	#RUPTM		1						
&RPERT	STAB		115 SN						
&RPERT	#RPERT		1						
&RQSOP	AJACOB		121 SN	122 SN					
&RQSOP	#RQSOP		1						
&RQSOP	#RTRIM		28 SN	29 SN					
&RRWK	START		86 SN						
&RRWK	#RRWK		1						
&RSMTV	LOADT		143 SN						
&RSMTV	#RSMTV		1						
&RSTAB	STAB		183 SN						
&RSTAB	#RSTAB		1						
&RSWK	START		87 SN						
&RSWK	#RSWK		1						
&RTMNV	#RMANU		25 SN						
&RTMNV	#RTMNV		1						
&RTMNV	#RTRIM		57 SN						
&RTNSF	ALSTAB		93 SN						
&RTNSF	NUMRTF		97 SN						
&RTNSF	#RTNSF		1						
&RTRIM	TRIM		90 SN						
&RTRIM	#RTRIM		1						
&RVP	AJACOB		119 SN						
&RVP	ITRIM		111 SN						
&RVP	#RTRIM		31 SN						
&RVP	#RVP		1						
&SHOUF	FUSENM		156 SN						
&SHOUF	#SHOUF		1						
&U	OUTFLT		4 TY	12 *	14	16			
&			1	2 TY	4	8	9	10	11
&	#RTNFM	STRIMA	11 CO	51 SA	57				
&	CUFP	STRIMA	11 CO	22	22	30			
&	FILTER		1	12	13	17	34		
&	ITRIM	STRIMA	23 CO	136 *					
&	NUMRTF		12						
&	NUMRTF		7 TY	10	10	11	11	12	12
&	PHSMAG		7 TY	11	11	12	12	13	13
&	PHSMAG		13						
&	SOLVE		1	2 TY	25 *	31 *	31	31	
&	STRINT		2 TY	12 EQ	17	23	43	49	69
&	STRINT		76						
&	SUPERP	STRIMA	8 CO	69 SA	71	72	73	74	
&	TABINT		1	6	39				

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
A	TRIM	STRIMA	25 CC	33 TY	69 *				
AA	CGXARM		28	29	30				
AA	CGXARM		1	18	19	20	22	23	24
AA	CGYARM		1	18					
AA	CGZARM		1	18					
AA	DERIV		151 *	162 *	162	165			
AA	EXTURS		49 *	52 SA	53 SA	54 SA	74 *	78	79
AA	ITHOT		166 *	179 *	179	182			
AA	TILT		38 *	40 SA	50 *	52 SA	55 *	56	58 SA
AA	WKTAUN		1	2 TY	19	53			
AAEXT	CGXARM	STRIMA	15 CC	28 *					
AAEXT	FUSINT	STRIMA	22 CC	62 *					
AAEXT	GUST	STRIMA	21 CC	43					
AAEXT	VORGST	STRIMA	21 CC	47	48				
AAEXT	XSTINT	STRIMA	8 CC	26 *					
AAEXT	XSTORE	STRIMA	9 CC	68					
AAEXTK	XSTORE		68 *	70	71				
AAFPYL	CGXARM	MANAL	9 CC	29 *	29				
AAFPYL	FPYLAC	MANAL	11 CC	29	30				
AAFPYL	FSMINT	MANAL	11 CC	17 *					
AAFUS	CGXARM	MANAL	7 CC	18 *	18	25			
AAFUS	FUSFNM	MANAL	10 CC	136	137	154	154	155	155
AAFUS	FUSINT	MANAL	7 CC	58 *					
AAFUS	MNEM	MANAL	9 CC	40					
AAFUS	MTLT	MANAL	4 CC	32					
AAGUN	CGXARM	STAMAN	11 CC	22 *	22				
AAGUN	JFBGIN	STAMAN	11 CC	131 *					
AAGUN	VGUNS	STAMAN	8 CC	26	27				
AAJET	ANAL	MANAL	11 CC	93	94	96	97		
AAJET	CGXARM	MANAL	7 CC	24 *	24				
AAJET	JFBGIN	MANAL	7 CC	35 *	56	57	59	60	
AAPYL	INRC	STAMAN	13 CC	102 *					
AAPYL	TILT	STAMAN	8 CC	34	35	36	37		
AAPYLD	CGXARM	MANAL	9 CC	25 *					
AAPYLD	FUSFNM	MANAL	11 CC	154	154	155	155		
AAPYLD	MNEM	MANAL	10 CC	40 *					
AAPYLD	MTLT	MANAL	5 CC	32 *					
AAR	ANAL	MANAL	10 CC	41 *	58				
AAR	CGXARM	MANAL	6 CC	21 *					
AAR	DERIV	MANAL	9 CC	121	122	124	125		
AAR	GUST	MANAL	5 CC	25	26	27	28	29	30
AAR	INTERP	MANAL	3 CC	21	24				
AAR	MNEM	MANAL	9 CC	37 *					
AAR	MTLT	MANAL	3 CC	29 *					
AAR	ROTAN	MANAL	12 CC	55	56	58	59		
AARSP	CGXARM	STAMAN	11 CC	19 *	19	20 *	20	21	25
AARSP	INRC	STAMAN	13 CC	63 *					
AARSP	MNEM	STAMAN	13 CC	37	43				
AARSP	MTLT	STAMAN	8 CC	29	32				
AARS	START	STAMAN	15 CC	48	48				
AARI	ANAL		41 *	45	46				
AARL	ANAL		58 *	62	63				
AASTBZ	CGXARM	MANAL	9 CC	30 *	30				
AASTBZ	GUST	MANAL	5 CC	42					
AASTBZ	MODES	MANAL	6 CC	43	41				
AASTBZ	STHFNM	MANAL	16 CC	51	56	81	82	182	183
AASTBZ	STHZIN	MANAL	10 CC	74 *	89				
AASTBZ	VORGST	MANAL	5 CC	43	44				
AASTBS	MODES	STRIAM	17 CC	34					
AASTBS	STHZIN	STRIAM	22 CC	89 *					
AAWG	CGXARM	MANAL	6 CC	23 *	23				
AAWG	GUST	MANAL	3 CC	31					
AAWG	STHFNM	MANAL	14 CC	51					
AAWG	STHZIN	MANAL	3 CC	69 *	89				
AAWG	VORGST	MANAL	3 CC	27	28				
AAWG	WING	MANAL	9 CC	141	142	157	158		
AA1	TILT		34 *	38					
AA2	TILT		35 *	38					
AB	DENIV		152 *	163 *	163	166			
AB	ITHOT		167 *	180 *	180	183			
AB	WKTAUN		40	40	40	40	41	41	
AB	WKTAHN		5	10	10	10	10	10	10
AB	WKTAUN		33	33	34	34	35	35	40
AB	WKTAHN		11	11	11	11	11	11	19
AB	WKTAUN		41	41	41	41	42	42	47
AB	WKTAUN		38	49					
AB	WKTAHN		1	2 TY	3	3	4	4	5
ABB	JFBGIN	INSTAR	2 CC	61	62	63	64	65	66
ABW	JFBGIN	INSTAR	68						
ABB	JSTPED	INSTAR	3 CC	217 IO					

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS					
X30	NPUTUT	INSTAR	3 CO	128 IO				
X90	READIN	INSTAR	4 CO	39 NA				
XCIT	AUXJET	STRIMA	21 *	25				
XCIT	AUXJET	STRIMA	4 CO	14	15 *	16	17	19	20
XCIT	CNTHFM	STRIMA	11 CO	19	21 *	33	58		
XCIT	CNTM	STRIMA	11 CO	26 *	26	28 *	28	33 *	33
XCIT	CNTM	STRIMA	35	37	40 *	40			
XCIT	CNTM	STRIMA	31 *	31	34	34 *	34	35	35 *
XCIT	EXTORS	STRIMA	11 CO	21	23	23	24	29	41
XCIT	EXTORS	STRIMA	40	41 *	71	72	73		
XCIT	FLOHM	STRIMA	10 CO	14	15	16			
XCIT	FLPSTP	STRIMA	14	15	15	17	17 *	18	18 *
XCIT	FLPSTP	STRIMA	4 CO	12	13	13	13 *	13	14 *
XCIT	NUMB	STRIMA	2 CO	10	12 *	14	24 *	24	25 *
XCIT	NUMB	STRIMA	25	26 *					
XCIT	NPCNTL	STRIMA	3 CO	14	35				
XCIT	NPET	STRIMA	11 CO	22	24	25			
XCIT	READIN	STRIMA	21 CO	115 IO					
XCIT	RESTRT	STRIMA	35 CO	83 *	106	128 *	134 *	144 *	150
XCIT	SIVAR	STRIMA	146	149	154 *	154	157 *	157	157
XCIT	SIVAR	STRIMA	158	159	164 *	164 *	164	165 *	165
XCIT	SIVAR	STRIMA	111	111	112 *	113	113	113	113
XCIT	SIVAR	STRIMA	52	53	54	55	56	79 *	79
XCIT	SIVAR	STRIMA	20 CO	35 IO	43 *	43	44 *	44	45 *
XCIT	SIVAR	STRIMA	81 *	81	82 *	82	84	84 *	85 *
XCIT	SIVAR	STRIMA	116	117 *	118 *	118	119	119	120 *
XCIT	SIVAR	STRIMA	124 *	125 *	128	128	128 *	129 *	133 *
XCIT	SIVAR	STRIMA	86	86 *	86	86	88 *	88	89 *
XCIT	SIVAR	STRIMA	169	169	170	172	174	175	
XCIT	SIVAR	STRIMA	134	135	135 *	136 *	136	139	139
XCIT	SIVAR	STRIMA	46	46	46	46	47 *	48 *	51
XCIT	SIVAR	STRIMA	89	90 *	90	91 *	91	91	94 *
XCIT	SIVAR	STRIMA	94	95	96	98 *	98	99 *	99
XCIT	SIVAR	STRIMA	99	100	105	106 *	106	10. *	108 *
XCIT	SIVAR	STRIMA	139 *	140	140	140 *	143 *	143	146 *
XCIT	SIVAR	STRIMA	108	109	109	110 *	110	111 *	111
XCIT	SIVAR	STRIMA	120	122 *	122	123 *	123	123	123
XCIT	SUPERP	STRIMA	8 CO	15	15 *	16	16 *	32	33
XCIT	SUPERP	STRIMA	44	45	56	57	67	75	76
XCIT	SUPERP	STRIMA	77	78					
XCIT	TIVAR	STRIMA	4 CO	21 *	21	23	25	27 *	28 *
XCIT	VARI	STRIMA	140	142	143	143	144	146	147
XCIT	VARI	STRIMA	118	119	123	124	132	133	143
XCIT	VARI	STRIMA	147	150	151	151	151	151	167
XCIT	VARI	STRIMA	167	179	180	181	182	183	
XCIT	VARI	STRIMA	16 CO	41	43	44	45	45	46
XCIT	VGUNS	STRIMA	11 CO	16	17	18	19	20	
XCIT	VSCAS	STRIMA	4 CO	9	18 *				
XCUN	JSTRED	INSTAR	3 CO	200 IO					
XCUN	NPUTUT	INSTAR	3 CO	118 IO					
XCUN	READIN	INSTAR	4 CO	39 NA					
XCUN	XCUNIN	INSTAR	2 CO	27	27 *	29	29 *	30	30 *
XCUN	XCUNIN	INSTAR	57	58	67	68	69	71	72
XCUN	XCUNIN	INSTAR	73	103	107	109	111		
XCUN	XCUNIN	INSTAR	31	31 *	39	40	41	42	43
XCUN	XCUNIN	INSTAR	44	47	48	49	53	55	56
XCUNIN	START		51 SN						
XCUNIN	XCUNIN		1						
XCUR1	RVRGST	STRIMA	15 CO	27					
XCUR1	SIVAR	STRIMA	21 CO	168 *	176				
XCUR1	VURGST	STRIMA	21 CO	59					
XCUR2	RVRGST	STRIMA	15 CO	28					
XCUR2	SIVAR	STRIMA	21 CO	177 *					
XCUR2	VURGST	STRIMA	21 CO	60					
XCUS	ALLMAT		2 TY	125 *	127	134	141		
XCREF	RVRGST	STRIMA	15 CO	22					
XCREF	SIVAR	STRIMA	21 CO	176 *	177				
XCREF	VURGST	STRIMA	21 CO	61					
XERT	JSTRED	INSTAR	3 CO	201 IO					
XERT	NPUTUT	INSTAR	3 CO	119 IO					
XERT	READIN	INSTAR	4 CO	39 NA					
XERT	XCUNIN	INSTAR	111						
XERT	XCUNIN	INSTAR	77	79	80	81	100	102	103
XERT	XCUNIN	INSTAR	2 CO	34	36 *	36	36 *	75	76
XERT	XCUNIN	INSTAR	104	105	106	107	108	109	110
XEST	JSTRED	INSTAR	3 CO	29 EQ	29 EQ	29 EQ	29 EQ	29 EQ	
XEST	LIZE	INSTAR	9 CO	98 *					
XEST	NPUTUT	INSTAR	3 CO	29 EQ	29 EQ	29 EQ	29 EQ	29 EQ	
XEST	READIN	INSTAR	4 CO	35 EQ	35 EQ	35 EQ	35 EQ	35 EQ	
XEST	XCUNIN	INSTAR	97						

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS					
XCST	XCUNIN	INSTAK	7 CC	84	85	86	87	88	89
XCST	XCUNIN	INSTAK	90	91	92	93	94	95	96
XCS1	JSTRED		28 TY	29 EQ	146 10				
XCS1	NPUTOT		28 TY	29 EQ	89 10				
XCS1	READIN		34 TY	35 EQ	39 NA				
XCS2	JSTRED		28 TY	29 EQ	156 10				
XCS2	NPUTOT		28 TY	29 EQ	95 10				
XCS2	READIN		34 TY	35 EQ	39 NA				
XCS3	JSTRED		28 TY	29 EQ	166 10				
XCS3	NPUTOT		28 TY	29 EQ	101 10				
XCS3	READIN		34 TY	35 EQ	39 NA				
XCS4	JSTRED		28 TY	29 EQ	176 10				
XCS4	NPUTOT		28 TY	29 EQ	107 10				
XCS4	READIN		34 TY	35 EQ	39 NA				
XCBG	JSTRED		28 TY	29 EQ	136 10				
XCBG	NPUTOT		28 TY	29 EQ	83 10				
XCBG	READIN		34 TY	35 EQ	39 NA				
XD	STDFNM		63 *	64	65				
XD	MAG		9 TY	18 *	23 *	20	21		
XDELIM	BRTREM		18 *	59					
XDELIM	DENIV		33 *	69	76				
XDELIM	EXTURS		19 *	25					
XDELIM	INTERQ		2 TY	20 *	21	22			
XDELIM	SIVAR		30 *	113					
XDELIM	VARI		21 *	75	78	82	86	120	
XDPP	LOADT		31 TY	56 *	85 SA				
XDPPP	LOADT		31 TY	65 *	92 SA				
XDRAG	XSTORE		59 *	61	63				
XF	AJACOB	4ANAL	7 CC	79					
XF	ANAL	4ANAL	9 CC	102 *	111	116			
XF	ELEINT	4ANAL	2 CC	22					
XF	FUSACC	4ANAL	4 CC	24					
XF	INSTAB	4ANAL	4 CC	30 EQ					
XF	LIZE	4ANAL	11 CC	38 EQ					
XF	RESTRT	4ANAL	18 CC	68 EQ					
XF	SAVTMS	4ANAL	2 CC	13 EQ					
XF	STAB	4ANAL	2 CC	136					
XF	XMODELF	4ANAL	2 CC	11 EQ					
XF	XRFM	4ANAL	5 CC	41 10	98 SA				
XFC	ATMINT	INSTAK	31	37	38	44			
XFC	ATMINT	INSTAK	2 CC	24	25	26	29	29	29
XFC	JRPSHP	INSTAK	6 CC	51		52			
XFC	JFRGIN	INSTAK	2 CC	78	79	80	81	82	83
XFC	JFRGIN	INSTAK	84	85	86	87	88	89	90
XFC	JFRGIN	INSTAK	91	92	93	94	96	96	97
XFC	JSTRED	INSTAK	3 CC	211 10					
XFC	LIZE	INSTAK	53 *						
XFC	LIZE	INSTAK	46 *	47 *	48 *	49 *	50 *	51 *	52 *
XFC	LIZE	INSTAK	3 CC	40 *	41 *	42 *	43 *	44 *	45 *
XFC	NPUTOT	INSTAK	3 CC	125 10					
XFC	PUNCH	INSTAK	2 CC	17 10	17 10	39 10	49 10	73 10	77 10
XFC	READIN	INSTAK	4 CC	39 NA					
XFC	RTINIT	INSTAK	2 CC	32	47				
XFEXT	ANAL	4ANAL	12 CC	102					
XFEXT	XSTORE	4ANAL	5 CC	62 *	65 *	65			
XFEXTJ	ANAL	4ANAL	13 CC	132					
XFEXTJ	XSTORE	4ANAL	6 CC	18 *	25 *	25			
XFFUS	ANAL	4ANAL	9 CC	102					
XFFUS	FUSFNM	4ANAL	8 CC	132 *	136	137	150 *	150	
XFFUS	XRFM	4ANAL	5 CC	23	23 10	46	47 SA		
XFGUN	ANAL	4ANAL	11 CC	98					
XFGUN	VGUNS	4ANAL	4 CC	22 *	26	27			
XFGW	ANAL	4ANAL	9 CC	32 *	132	111			
XFGW	XRFM	4ANAL	5 CC	38 10	87 SA	87 SA			
XFINST	FILTER		4 TY	5 TY	6 EQ	11 *	12 *	13	17
XFIRST	FILTER		34	53					
XFJTGN	ANAL	4ANAL	9 CC	98 *	102				
XFJTGN	XRFM	4ANAL	5 CC	31 10	71 SA				
XFJTSN	EXTURS	4ANAL	9 CC	30	32 *	71 *	78	79	
XFJTSN	LIZE	4ANAL	15 CC	161 *					
XFJTSN	XMFM	4ANAL	7 CC	36	36 10	81	82 SA		
XFJTSN	XSTORE	4ANAL	6 CC	25					
XFLJET	ANAL	STAKAN	17 CC	90 *	93	94	98		
XFLJET	JFRGIN	STAKAN	15 CC	52 *	56	57			
XFLBG	ANAL	4ANAL	9 CC	102					
XFLBG	GRFELT	4ANAL	7 CC	42					
XFLBG	XING	4ANAL	8 CC	112 *	137	157	158		
XFLBG	XRFM	4ANAL	5 CC	27 10	61 SA				
XFMH	ANAL	4ANAL	3 CC	38 *	45	46	132		
XFMH	XRFM	4ANAL	5 CC	26 10	51 SA				

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
XFMN	MNLPTM	4ANAL	10 CC	96 SA					
XFPYL1	FUSENM		144 *	150	154	155			
XFPYL2	FUSENM		147 *	153	154	155			
XFRJET	ANAL	STAHAN	17 CC	86 *	96	97	98		
XFRJET	JFRGIN	STAHAN	15 CC	49 *	59	60			
XFRWG	ANAL	4ANAL	9 CC	102					
XFRWG	GRPELT	4ANAL	2 CC	39					
XFRWG	WING	4ANAL	4 CC	137 *	141	142			
XFRWG	WREW	4ANAL	5 CC	26 10	59 SA				
XFS	FUSINT	INSTAH	31	32	33	34	35	36	58
XFS	FUSINT	INSTAH	73	74	75	76			
XFS	FUSINT	INSTAH	59	60	66	67	68	71	72
XFS	FUSINT	INSTAH	2 CC	25	25	26 *	27 *	29	33
XFS	GRPSHP	INSTAH	6 CC	24	25	26	27	28	
XFS	JSTREO	INSTAH	1 CC	120 10					
XFS	NPUTUT	INSTAH	3 CC	38 10					
XFS	PUNCH	INSTAH	2 CC	17 10	17 10				
XFS	READIN	INSTAH	4 CC	39 NA					
XFSMS	FSMINT	INSTAH	25	26	27				
XFSMS	FSMINT	INSTAH	4 CC	17	18	19	22	23	24
XFSMS	JSTREO	INSTAH	3 CC	60 10					
XFSMS	NPUTUT	INSTAH	3 CC	63 10					
XFSTB	STIFNM		167 *	170	171				
XFSTR	WING		108 *	111	112				
XFSTRZ	ANAL	4ANAL	12 CC	102					
XFSTBZ	STIFNM	4ANAL	10 CC	36 *	174 *	174			
XFSTZ	GRPELT	4ANAL	5 CC	27	30	33	36		
XFSTZ	INSTAB	4ANAL	7 CC	30 EQ					
XFSTZ	LIZE	4ANAL	14 CC	154 *					
XFSTZ	SAVTHS	4ANAL	5 CC	13 EQ					
XFSTZ	STIFNM	4ANAL	16 CC	171 *	174	182	193		
XFSTZ	WRPELF	4ANAL	5 CC	11 EQ					
XFSTZ	WREW	4ANAL	8 CC	29 10	66 SA				
XFTH	ANAL	4ANAL	4 CC	55 *	62	63	102		
XFTH	WREW	4ANAL	5 CC	25 10	55 SA				
XFTH	XHOPTM	4ANAL	10 CC	97 SA					
XFXTR	FXTURS	4ANAL	8 CC	65 *					
XFXTH	INSTAB	4ANAL	7 CC	30 EQ					
XFXTH	WHDELF	4ANAL	5 CC	11 EQ					
XFXTH	WREW	4ANAL	8 CC	34 10	77 SA				
XFXTH	XSTORE	4ANAL	9 CC	62 *	65	70	71		
XGMS	READIN		28 TY	29 EQ	39 NA				
XGN	JFRGIN	INSTAH	2 CC	101	102	103	104	105	
XGN	JSTREO	INSTAH	3 CC	222 10					
XGN	NPUTUT	INSTAH	3 CC	131 10					
XGN	READIN	INSTAH	4 CC	39 NA					
XGUST	GUST	4ANAL	4 CC	31	32	42	43		
XGUST	HGUST	4ANAL	4 CC	46					
XGUST	SIVAH	4ANAL	7 CC	51 *					
XH	TAUINT		16 *	39					
XHGMUM	LUADI		31 TY	67 *	140 SA				
XI	FILTER		4 TY	13 *	17 *	21	29	34 *	38
XI	FILTER		49	52					
XI	STIFNM		67 *	68	68 *	69	71		
XIM1	FILTER		4 TY	5 TY	6 EQ	14 *	21	29	48
XIM1	FILTER		45	51	52 *				
XIM2	FILTER		4 TY	5 TY	6 EQ	45	51 *		
XIN	YSINIT		23	26	26				
XIN	YSINIT		1	2 TY	14	21	22	22	22
XIT	ITERIN	INSTAH	71	72	73	74	75	76	79
XIT	ITERIN	INSTAH	104						
XIT	ITERIN	INSTAH	2 CC	29	30	31	34	35	37
XIT	ITERIN	INSTAH	42	48	53	54	56	60	70
XIT	ITERIN	INSTAH	84	94	96	98	103	103	104
XIT	JSTREO	INSTAH	1 CC	206 10					
XIT	NPUTUT	INSTAH	3 CC	122 10					
XIT	READIN	INSTAH	4 CC	39 NA					
XJET	JFRGIN	INSTAH	38	39					
XJET	JFRGIN	INSTAH	2 CC	32	33	34	35	36	37
XJET	JSTREO	INSTAH	3 CC	184 10					
XJET	NPUTUT	INSTAH	3 CC	113 10					
XJET	READIN	INSTAH	4 CC	39 NA					
XK	SHSHAT		69 *	73 *	71 *	72 *	72	75 *	77
XK	SHSHAT		78						
XKLAM	AZMINT	ANOJET	2 CC	67 *					
XKLAM	READIN	ANOJET	2 TY	4 CC	34				
XKI	UNITED		2 TY	31 *	32 *	58	59	63	
XK43	AZMINT	ANOJET	2 CC	67 *					
XK43	SHSHAT	ANOJET	2 CC	77 *					
XL	TAUINT		15 *	39	39				

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TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
XLAM	ITRGT	FORWK	5 CC	75 *	85	100			
XLA4	STWARK	FORWK	2 CC	31	53				
XLAMW	ITRGT	FORWK	6 CC	85 *					
XLAMK	RTWAKE	FORWK	2 TY	4 CC	45				
XLIFT	XSTORE		58 *	62	64				
XLIMD	RETHFM		58 *	59	59				
XLIMIT	CORR	STRIAH	9 CO	22	22				
XLIMIT	DAMPLR	STRIAH	2 CC	11 *	11	12	12 *	15	
XLIMIT	INSTAB	STRIAH	21 CO	45 *					
XLIMIT	ITERIN	STRIAH	30 CO	48 *	49	49	49 *	54 *	55
XLIMIT	ITRGT	STRIAH	55 *						
XLIMIT	ITRIM	STRIAH	20 CC	56 *	57 *	150 *			
XLIMIT	MBAL	STRIAH	12 CO	19	23				
XLIMIT	START	STRIAH	26 CC	56 IO					
XLIMIT	TRIM	STRIAH	22 CO	68	77 *				
XLIMS	ITRIM	STRIAH	20 CO	56	57	150			
XLIMS	PRETVT	STRIAH	20 CC	100 *	100				
XLIMS	TRIM	STRIAH	22 CO	68 *	77				
XLMTA	MBAL		59 IO	65 IO					
XLMTA	MBAL		19 *	25 *	25	27	27 *	31	55
XLMTB	MBAL		59 IO	65 IO					
XLMTB	MBAL		20 *	26 *	26	28	28 *	32	56
XLOAD	INIT		22 TY	23 EQ	37	38	39		
XLOAD	LOADT		32 TY	33 EQ	51 IO	62			
XLOAD	MADTAL		33 TY	36 EQ	149 *	150 *	151 *	153 *	153
XLOAD	TVTRIM		39 TY	40 EQ	114 IO				
XLOAD	WRMANU		19 TY	20 EQ	52 IO	59 IO	66 IO	78 IO	85 IO
XLOAD	WRMANU		92 IO						
XLOCK	AFTRIM	STRIMA	27 CC	52 *	54 *				
XLOCK	PRETVT	STRIMA	23 CO	56 *					
XLOCK	SWAS	STRIMA	11 CC	64					
XLOCK	XCONIN	STRIMA	14 CO	49 *	54				
XLOK	NUMB		9 *	11 *	19				
XM	STBINT		2 TY	23 *	38	39	49 *	64	65
XM	STBINT		76 *	91	92				
XMA	AJACOB	MANAL	8 CO	87	89	104	106		
XMA	BRTREM	MANAL	3 CO	27					
XMA	DERIV	MANAL	9 CO	165 *					
XMA	INSTAB	MANAL	5 CO	82	118	120			
XMA	ITRGT	MANAL	12 CO	182 *					
XMA	MBAL	MANAL	7 CO	24	30	35	42	47	65 IO
XMA	QSHDPF	MANAL	9 CC	20					
XMA	STAB	MANAL	3 CO	143	145				
XMA	TVTRIM	MANAL	13 CO	139 *	265				
XMA	WREM	MANAL	6 CO	24 IO	25 IO				
XMA	ZERO	MANAL	8 CO	60 *					
XMAC	CDCL	ANDDIT	112	119	120	169	171	177	178
XMAC	CDCL	ANDDIT	71	72	72	75	75	75	112
XMAC	CDCL	ANDDIT	2 TY	5 CC	53	65	65	65	70
XMAC	CDCL	ANDDIT	181						
XMAC	CLCD	ANDDIT	100	120	159	160	211	213	219
XMAC	CLCD	ANDDIT	2 CC	44	44	44	46	74	83
XMAC	CLCD	ANDDIT	83	83	84	85	86	86	89
XMAC	CLCD	ANDDIT	220	223					
XMAC	CMCALC	ANDDIT	2 TY	4 CO	17	18	23	25	
XMAC	MADTAL	ANDDIT	2 TY	4 CO	52 *	54 *	103	105	105
XMAC	MADOUT	ANDDIT	2 CO	25 IO	39 IO	43			
XMAC	STBFNM	ANDDIT	2 CO	135 *	151 *				
XMAC	STBINT	ANDDIT	2 TY	4 CO	12 EQ	13			
XMAC	UNSTED	ANDDIT	52	78	78	78			
XMAC	UNSTED	ANDDIT	2 TY	4 CC	47	48	49	50	51
XMAC	WING	ANDDIT	2 CO	97 *					
XMACF	JSTRED		24 TY	25 EQ	47 IO				
XMACF	NPUTOT		24 TY	25 EQ	52 IO				
XMACF	PCADIN		28 TY	29 EQ	39 NA				
XMACM	CDCL		2 TY	120 *	121	131	136	146	
XMACM	CLCD		160 *	161	171	176	187		
XMB	AJACOB	MANAL	8 CO	86	88	103	105		
XMB	BRTREM	MANAL	3 CO	26					
XMB	DERIV	MANAL	9 CO	166 *					
XMB	INSTAB	MANAL	5 CO	83	117	119			
XMB	ITRGT	MANAL	12 CO	183 *					
XMB	MBAL	MANAL	7 CO	24	30	36	43	48	65 IO
XMB	QSHDPF	MANAL	9 CO	21					
XMB	STAB	MANAL	3 CO	142	144				
XMB	TVTRIM	MANAL	13 CO	140 *	266				
XMB	WREM	MANAL	6 CC	24 IO	25 IO				
XMB	ZERO	MANAL	4 CO	61 *					
XMBS	JSTRED		24 TY	25 EQ	46 IO				
XMBS	NPUTOT		24 TY	25 EQ	51 IO				

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TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS							
X4BS	READIN		28 TY	29 EQ	39 NA					
X4C	JSTREO		24 TY	25 EQ	48 IO					
X4C	NPUTOT		24 TY	25 EQ	53 IO					
X4C	READIN		28 TY	29 EQ	39 NA					
X4D	AZMINT	ANDOIT	2 CO	68 *						
X4D	AZMUTH	ANDOIT	4 CO	149						
X4D	RADIAL	ANDOIT	2 TY	4 CO	167 *	167				
X4DI	JSTREO		24 TY	25 EQ	50 IO					
X4DI	NPUTOT		24 TY	25 EQ	55 IO					
X4DI	READIN		28 TY	29 EQ	39 NA					
X4IN	DAMPER	STRIAB	2 CO	12	12					
X4IN	INSTAB	STRIAB	21 CO	45						
X4IN	ITERIN	STRIAB	20 CO	50 *	51	51 *	52	52 *	56 *	
X4IN	ITERIN	STRIAB	57	57 *						
X4IN	MBAL	STRIAB	12 CO	27	27	28	28			
X4IN	START	STRIAB	26 CO	56 IO						
X4UM	HRTRFM		16 TY	25 *	26 *	27 *	34	39	40	
X4UM	LOADT	BLOADS	6 CO	62 *						
X4UM	WRHMIV	BLOADS	2 CO	7 SA						
X4UM2	DERIV		161 *	162	163					
X4UM2	ITROT		179 *	179	180					
X4P	JSTREO		24 TY	25 EQ	58 IO					
X4P	NPUTOT		24 TY	25 EQ	61 IO					
X4P	READIN		28 TY	29 EQ	39 NA					
X4R	JSTREO		24 TY	25 EQ	44 IO	45	47	48	49	
X4R	NPUTOT		24 TY	25 EQ	50 IO	52	53	54		
X4R	READIN		28 TY	29 EQ	39 NA					
X4S20	MODAL	STARAD	15 CO	17 *						
X4S20	RADIAL	STARAD	18 CO	171	172					
X4T	JSTREO		24 TY	25 EQ	49 IO					
X4T	NPUTOT		24 TY	25 EQ	54 IO					
X4T	READIN		28 TY	29 EQ	39 NA					
X4U	ITROT	FORWK	6 CO	74 *	84	90				
X4U	STRRAK	FORWK	2 CO	21	43	51				
X4U	UNSTED		2 TY	121 *	122					
X4UK	ITROT	FORWK	6 CO	84 *						
X4UK	RTRAKE	FORWK	2 TY	4 CO	27	43				
X4W	JSTREO		22 TY	23 EQ	68 IO					
X4W	NPUTOT		22 TY	23 EQ						
X4W	READIN		26 TY	27 EQ	39 NA					
X4OL	UNSTED		2 TY	43 *	47	47	49			
X4O4	UNSTED		2 TY	46 *	50	50	52			
X4IL	UNSTED		2 TY	41 *	47	48				
X4IM	UNSTED		2 TY	44 *	50	51				
X4NA	MBAL		51 *	53	59 IO	65 IO				
X4NB	MBAL		52 *	54	59 IO	65 IO				
X5LNKL	LOADT		31 TY	73 *	141 SA					
X3	HEDRWK	FORWK	2 CO	45 IO						
X8	WRKWK	FORWK	2 CO	39	46 IO					
X4H	WRHWK		40 *	44						
X4IN	WRKWK		20 TY	39 *	43	41	61 *	81 IO	105 SA	
X2K	CHOINT	STARAN	16 CO	29						
X2K	INOLD	STARAN	14 CO	21 *	26 *	26	27	40 *	61	
X2K	INRMSS	STARAN	16 CO	32	39	44	44	45	45	
X4K	INRO	STARAN	21 CO	59						
X4K	RADDGN	STARAN	2 TY	23 CO	34	68	69			
X3K	RADIAL	STARAN	23 CO	83	171	172				
X4K	UNSDEX	STARAN	19 CO	48						
X3K	WRQPTN	STARAN	25 CO	137 IO	137 IO					
X4K	WRKWK	STARAN	16 CO	44	44	56	61			
X4L	WRRWK		41 *	44						
X4MS	RMSINT	INSTAR	57	57	59	60	61	62	63	
X3MS	RMSINT	INSTAR	3 CO	47	48	49	51	52	53	
X4MS	RMSINT	INSTAR	67	68	69	70	71			
X4MS	RMSINT	INSTAR	63	63	64	64	64	65	66	
X3MS	INOLD	INSTAR	2 CO	50 *	58 *	61 *				
X4MS	JSTREO	INSTAR	3 CO	69 SA	102 SA					
X4MS	REDRMS		1	2 TY	6 IO					
X4MS	WRMODL	INSTAR	3 CO	36 IO						
X2OUT	WRHWK		20 TY	56 *	105 SA					
X3R	ALAINT	INSTAR	3 CO	71						
X4R	CHOINT	INSTAR	2 CO	26	27	28				
X3R	INPCNT	INSTAR	6 CO	23	24	25	26			
X4N	INOLD	INSTAR	35	56						
X3N	INOLD	INSTAR	2 CO	23 *	23 *	32	34	39	54	
X4R	INRMSS	INSTAR	56	57	58					
X3R	INRMSS	INSTAR	2 CO	22	22	26	27	27	28	
X4R	INRO	INSTAR	63	64	65	66	72	75	76	
X4R	INRO	INSTAR	113	114	121	123	124	165	166	
X4R	INRO	INSTAR	107	108	108	109	110	111	112	

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS					
&RK	INRC	INSTAR	3 CO	31	34	35	46	48 * 48
&RR	INRC	INSTAR	96	97	99	100	101	102 102
&RR	INRC	INSTAR	77	78	78 *	79	80	81 82
&RR	INRC	INSTAR	91	53 *	53	56	59 *	59 62
&RR	INRC	INSTAR	83	85	86	88	89	90 91
&RR	INRC	INSTAR	103	103	134	104	105	106 107
&RR	JSTRED	INSTAR	25 EQ	25 EQ	25 EQ	25 EQ	25 EQ	25 EQ
&RR	JSTRED	INSTAR	3 CO	25 EQ	25 EQ	25 EQ	25 EQ	25 EQ 25 EQ
&RR	NEQAL	INSTAR	3 CO	26				
&RR	NPUTOT	INSTAR	3 CO	25 EQ	25 EQ	25 EQ	25 EQ	25 EQ 25 EQ
&RR	NPUTOT	INSTAR	25 EQ	25 EQ	25 EQ	25 EQ	25 EQ	25 EQ
&RR	NREADIN	INSTAR	4 CO	29 EQ	29 EQ	29 EQ	29 EQ	29 EQ 29 EQ
&RR	READIN	INSTAR	29 EQ	29 EQ	29 EQ	29 EQ	29 EQ	29 EQ
&RR	STINIT	INSTAR	2 CO	32	39	39	39	41
&RR	SUMINT	INSTAR	29	34	40	44	45	46 49
&RR	SUMINT	INSTAR	3 CO	18	19	20	21	25 28
&RR	WRMODE	INSTAR	1 CO	22 IO	27			
&RR	WOUTM	INSTAR	7 CO	71				
&RR1	WRMODE		18 TY	19 TY	27 *	36 IO		
&RTR	RGUST	STAMAN	15 CO	39 *	46			
&RTR	RVRGST	STAMAN	12 CO	20	21			
&SAVE	RESTRT		47 TY	48	106 *	128	144 *	144 150 *
&SCAL	DERIV	STAMAN	15 CO	44	45	46		
&SCAS	INSCAS	STAMAN	33	33	33	36	36	36 37
&SCAS	INSCAS	STAMAN	43	43	43	44	44	44
&SCAS	INSCAS	STAMAN	37	37	38	39	39	39 39
&SCAS	INSCAS	STAMAN	8 CO	24 *	24	25 *	25	26 * 26
&SCAS	INSCAS	STAMAN	39	40	40	40	42	43 43
&SCAS	JSTRED	STAMAN	13 CO	227 IO				
&SCAS	NPUTOT	STAMAN	13 CO	134 IO				
&SCAS	NREADIN	STAMAN	13 CO	39 NA				
&SCAS	VARI	STAMAN	13 CO	105	108	109	110	115 115
&SIMP	XSTORE		90 *	91	95			
&SIN	ALLMAT		0 TY	126 *	128	134	141	151
&ST	JSTRED	STRIMA	19 CO	193 IO				
&ST	NPUTOT	STRIMA	19 CO	25 EQ	115 IO			
&ST	READIN	STRIMA	22 CO	31 EQ	31 EQ	31 EQ	31 EQ	
&ST	STVAR	STRIMA	21 CO	150				
&ST	XSTINT	STRIMA	17	18	19	20	21	22 23
&ST	XSTINT	STRIMA	25	30				
&ST	XSTINT	STRIMA	9 CO	10	12	13	14	15 16
&STA	GUST		44 *	51	52	53	55	56 57
&STA	GUST		66	66	66	67	67	67
&STA	GUST		24 TY	32 *	39 *	40 *	41 *	42 * 43 *
&STA	VGUST		24 TY	25 *	34 *	36 *	38 *	40 * 43 *
&STA	VGUST		47 *	51 *	53 *	59	60	61
&STAM	GUST	MANAL	4 CO	25 *	27 *			
&STAM	RGUST	MANAL	8 CO	46				
&STAM	RVRGST	MANAL	4 CO	20				
&STALP	VGUST		10 *	53				
&STAMP	RGUST		61	62	63	65	66	
&STAMP	GUST		46 *	47	49	50	51	53 54
&STAMP	RVRGST		20 *	22	27	28		
&STAMP	VGUST		29 *	51				
&STAR	VGUST		27 *	29	30			
&STAT	JSTRED	INSTAR	3 CO	27 EQ	27 EQ	27 EQ	27 EQ	27 EQ
&STDA	LIZE	INSTAR	4 CO	30 *				
&STDZ	NPUTOT	INSTAR	3 CO	27 EQ	27 EQ	27 EQ	27 EQ	27 EQ
&STDZ	READIN	INSTAR	4 CO	33 EQ	33 EQ	33 EQ	33 EQ	33 EQ
&STDZ	START	INSTAR	6 CO	63 SA				
&STDZ	STDZN4	INSTAR	10 CO	71	157			
&STDZ	STDZIN	INSTAR	81	82	82	83	84	91 92
&STDZ	STDZIN	INSTAR	93	94	95	96	97	98 99
&STDZ	STDZIN	INSTAR	62	62	69	70	71	72 74
&STDZ	STDZIN	INSTAR	139	101				
&STDZ	STDZIN	INSTAR	51	52	52	53	53 *	54 54
&STDZ	STDZIN	INSTAR	4 CO	30	31	32	32	36 37
&STDZ	STDZIN	INSTAR	45	46	47	48	49	50 51
&STDZ	STDZIN	INSTAR	75	76	77	78	79	79 80
&STDZ	STDZIN	INSTAR	39	40	40	41	42	43 44
&STDZ	STDZIN	INSTAR	55	57	58	59	60	61 61
&TAU	JSTRED		26 TY	27 EQ	145 IO	146		
&TDZ	NPUTOT		26 TY	27 EQ	88 IO	89		
&TDZ	READIN		32 TY	33 EQ	39 NA			
&TDZ	JSTRED		26 TY	27 EQ	155 IO	156		
&TDZ	NPUTOT		26 TY	27 EQ	94 IO	95		
&TDZ	READIN		32 TY	33 EQ	39 NA			
&TDZ	JSTRED		26 TY	27 EQ	165 IO	166		
&TDZ	NPUTOT		26 TY	27 EQ	100 IO	101		
&TDZ	READIN		32 TY	33 EQ	39 NA			

TABLE 10. CONTINUED.

NAME	SUB	COMMON	STATEMENT NUMBERS						
ASTO4	JSTRED		26 TY	27 EQ	175 10	176			
ASTO4	NPUTOT		26 TY	27 EQ	136 10	137			
ASTO4	READIN		32 TY	33 EQ	39 NA				
ASTINT	START		41 SN						
ASTINT	ASTINT		1						
ASTORE	ANAL		71 SN						
ASTORE	ASTORE		1						
ASTX	NPUTOT		24 TY	25 EQ					
AST%	GUST		31 *	44					
AST1	READIN		30 TY	31 EQ	39 NA				
AST2	READIN		30 TY	31 EQ	39 NA				
AST3	READIN		30 TY	31 EQ	39 NA				
AST4	READIN		30 TY	31 EQ	39 NA				
ATAC1	JSTRED		24 TY	25 EQ	81 10				
ATACF	NPUTOT		24 TY	25 EQ	69 10				
ATACF	READIN		28 TY	29 EQ	39 NA				
ATBS	JSTRED		24 TY	25 EQ	80 10				
ATBS	NPUTOT		24 TY	25 EQ	68 10				
ATBS	READIN		28 TY	29 EQ	39 NA				
ATC	JSTRED		24 TY	25 EQ	82 10				
ATC	NPUTOT		24 TY	25 EQ	70 10				
ATL	READIN		28 TY	29 EQ	39 NA				
ATO1	JSTRED		24 TY	25 EQ	84 10				
ATO1	NPUTOT		24 TY	25 EQ	72 10				
ATO1	READIN		28 TY	29 EQ	39 NA				
ATP	JSTRED		24 TY	25 EQ	92 10				
ATP	NPUTOT		24 TY	25 EQ	78 10				
ATP	READIN		28 TY	29 EQ	39 NA				
ATR	JSTRED		24 TY	25 EQ	78 10	79	81	82	83
ATR	NPUTOT		24 TY	25 EQ	67 10	69	70	71	
ATR	READIN		28 TY	29 EQ	39 NA				
ATR!	INSTAB		29 TY	30 EQ	125				
ATRF	#ROLLF		10 TY	11 EQ	20 *	20			
ATT	JSTRED		24 TY	25 EQ	83 10				
ATT	NPUTOT		24 TY	25 EQ	71 10				
ATT	READIN		28 TY	29 EQ	39 NA				
ATW	JSTRED		22 TY	23 EQ	101 10				
ATW	NPUTOT		22 TY	23 EQ					
ATW	READIN		26 TY	27 EQ	39 NA				
AWG	JSTRED		26 TY	27 EQ	135 10				
AWG	NPUTOT		26 TY	27 EQ	82 10				
AWG	READIN		32 TY	33 EQ	39 NA				
AX	FNORES		5 TY	7	7	7			
AX	GUST	STAMAN	8 CO	25	27	31	32	42	43
AX	QUAN	STAMAN	12 CO	42 *					
AA	VONGST	STAMAN	8 CO	25	27	43	47		
AXD	AJACOB	STRIMA	25 CO	37	38	44	45	46	47
AXD	FUSALC	STRIMA	16 CO	67					
AXD	GRPGND	STRIMA	13 CO	21					
AXD	JFRGIN	STRIMA	23 CO	78 *					
AXD	MNEM	STRIMA	25 CO	44	45	46	47	48	50
AXD	MNEM	STRIMA	78						
AXD	QUAN	STRIMA	21 CO	84 *	87	93			
AXF	ASTORE		32 *	35	41	43	45	45	68
AXP	JSTRED	INSTAB	3 CO	25 EQ	25 EQ				
AXP	NPUTOT	INSTAB	3 CO	25 EQ	25 EQ				
AXP	PYLINT	INSTAB	2 CO	21	22	23	24	25	26
AXP	PYLINT	INSTAB	27	28	29	30	31	32	
AXP	READIN	INSTAB	4 CO	29 EQ	29 EQ				
AXS	STUFNM		121 *	124	146	148	154	154	155
AXS	WING		75 *	78	85	87	100	100	101
AY	AZMINT	ANDCIT	2 CO	46					
AY	ITROT	ANDCIT	2 CO	78 *	79 *	79			
AYZ12	#NORM		8 *	9 *	9	10 *	10		
AYZ12	ANORM		1	2 TY	3 *	4 *	5 *	6 *	7 *
AZFSTB	STRFNM		170 *	172	173				
AZFSTB	WING		111 *	113	114				
A1	ENTREM		18	18					
A1	DERIV		33	33					
A1	EXTORS		19	19					
A1	INTERO		20	20					
A1	SIVAR		30	30					
A1	SUPERP		13	13	13	14	14		
A1	VAR1		21	21					
A1	#NORM		1	3	4	5			
A1	XCURIN		19 TY	44 *	45	84	86	88	90
A2	ENTREM		18	18					
A2	DERIV		33	33					
A2	EXTORS		19	19					
A2	INTERO		20	20					

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
A2	SIVAR		30	30					
A2	SUPERP		13	13	14	14			
A2	VARI		21	21					
A2	WNDXFM		1	6	7	8			
A2	XCONIN		110	111					
A2	XCONIN		89	91	105	106	107	108	139
A2	XCONIN		19 TY	42 *	43	45 *	45	85	87
A3	RATAFM		18	18					
A3	DERIV		33	33					
A3	EXTOMS		19	19					
A3	INTFNO		20	20					
A3	SIVAR		30	30					
A3	SUPERP		14	14					
A3	VARI		21	21					
V			1	2 TY	5	5	5	5	5
V			23	23	23	24	23		
V	AFTRIM	FORY	63 *	64 *	65 *	70 *	71 *		
V	AFTRIM	FORY	6 CO	57 *	58 *	59 *	60 *	61 *	62 *
V	DERIV	FORY	6 CO	66	67	73	74	100 *	101 *
V	DERIV	FORY	102 *	133	134				
V	FILTER		1	53 *					
V	FLUMM	FORY	2 CO	20 *	20				
V	FUSACC	FORY	2 CO	45	46	56	59	61 *	62 *
V	GPFLGE	FORY	2 CO	21	22	27			
V	GPSHFT	FORY	3 CO	15	28	48	52		
V	GRPUND	FORY	2 CO	32	33				
V	INFRMP		26						
V	INIT	FORY	3 CO	23 EQ	32	57			
V	MANU	FORY	2 CO	52	71 *	71	81 *	81	89 *
V	MANU	FORY	89						
V	MNEM	FORY	2 CO	145 *	146 *				
V	MPRTR	FORY	2 CO	21	26 *	26	36 *	36	51 *
V	MPRTR	FORY	51	62 *	62	70 *	70	82 *	82
V	POPPOD		54						
V	PRETVT	FORY	2 CO	41 *	79 *	80 *	81	85 *	
V	QSROPF	FORY	35	36 *	36	36	37	37	38
V	QSROPF	FORY	38	39	40				
V	QSHOPF	FORY	6 CO	24	25	26	27	35 *	35
V	QUAN	FORY	42	43	44	53	54	58	59
V	QUAN	FORY	3 CO	29	30	31	32	33	34
V	QUAN	FORY	60	61	65	72	73		
V	QUAN	FORY	35	37	38	39	40	40 *	41
V	ROTAN	FORY	6 CO	47					
V	SCASIT	FORY	2 CO	14	15	16	16	16	17
V	SCASIT	FORY	18	19	19	19	22	23	24
V	SCASIT	FORY	30	31	32	32	32	33	34
V	SCASIT	FORY	35	35					
V	SCASIT	FORY	24	24	25	26	27	27	27
V	SVINT	FORY	2 CO	23 *					
V	TAHINT		1	39 *	43	45 *	45		
V	TIMEQO	FORY	6 CO	23 EQ	23 EQ	30 IC	36 IO		
V	TIMLP	FORY	32	33	36	37	49	50	
V	TIMLP	FORY	2 CO	20	21 *	21	24	24 *	24
V	TVTRIM	FORY	7 CO	38 EQ	38 EQ	108	108 *	108 *	109
V	TVTRIM	FORY	116	117	118	152	153	172 *	173 *
V	TVTRIM	FORY	179 *	180	201 *	201	204 *	204	206
V	TVTRIM	FORY	210	211	219	220	243 *	240	243 *
V	TVTRIM	FORY	243	252 *	252	256 *	256		
V	VARI	FORY	2 CO	27	104	104	109	109	114
V	VARI	FORY	114						
V	VSCAS	FORY	2 CO	15 *					
V	WHMANU	FORY	2 CO	41					
VA	CGYARM		1	19	23	21	22	24	25
VA	CGYARM		26	27	28	30	33	34	
VA	EXTOMS		50 *	53 SA	75 *	77	79		
VA	START		35 TY						
VA	TILT		51 *	52 SA					
VA	WRTABN		1	2 TY	56 *				
VAENO	YSINIT		1	2 TY	11 *	15	15 *	16	16 *
VAENO	YSINIT		51	52 *	55 *	55	55	55	55
VAENO	YSINIT		39	39	40 *	40	40	41 *	41
VAENO	YSINIT		26 *	27 *	27	28	28	28	28
VAENO	YSINIT		28	28	28	30	31 *	32 IO	34
VAENO	YSINIT		34	34	35	37	38	38	39 *
VAENO	YSINIT		55						
VAENO	YSINIT		41	41	41	42	44 *	47	48 *
VAENO	YSINIT		17	18 *	19 IO	21 *	24 *	25 *	25
VAEXT	CGYARM	STRIMA	15 CO	32 *					
VAEXT	FUSINT	STRIMA	22 CO	63 *					
VAEXT	GUST	STRIMA	21 CO	43					

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS					
VAEXT	VUNGST	STRIMA	21 CO	47	48			
VAEXT	XSTINT	STRIMA	6 CO	27 *				
VAEXT	XSTORE	STRIMA	9 CO	69	71			
VAFPYL	CGYAXM	MANAL	9 CO	33 *	33			
VAFPYL	FPYLAC	MANAL	11 CO	28	30			
VAFPYL	FSMINT	MANAL	11 CO	18 *				
VAFUS	CGYAXM	MANAL	7 CO	20 *	20	29		
VAFUS	FUSENM	MANAL	10 CO	135	137	153	153	155	155
VAFUS	FUSINT	MANAL	7 CO	59 *					
VAFUS	MNEM	MANAL	9 CO	41					
VAFUS	MTLT	MANAL	4 CO	33					
VAGUN	CGYAXM	STAMAN	11 CO	24 *	24				
VAGUN	JFBGIN	STAMAN	11 CO	102 *					
VAGUN	VGUNS	STAMAN	8 CO	25	27				
VALJET	ANAL	MANAL	12 CO	92	94				
VALJET	CGYAXM	MANAL	9 CO	27 *	27				
VALJET	JFBGIN	MANAL	8 CO	40 *	55	57			
VALWG	CGYAXM	MANAL	7 CO	25 *	25				
VALWG	GUST	MANAL	4 CO	31					
VALWG	STRAIN	MANAL	9 CO	71 *					
VALWG	VUNGST	MANAL	4 CO	30	32				
VALWG	WING	MANAL	10 CO	156	158				
VAPYL	INRL	STAMAN	13 CO	103 *					
VAPYLD	CGYAXM	MANAL	8 CO	29 *					
VAPYLD	FUSENM	MANAL	11 CO	153	153	155	155		
VAPYLD	MNEM	MANAL	10 CO	41 *					
VAPYLD	MTLT	MANAL	5 CO	33 *					
VAR	ANAL	MANAL	10 CO	42	59				
VAR	CGYAXM	MANAL	6 CO	23 *					
VAR	DERIV	MANAL	9 CO	120	122	123	125		
VAR	GUST	MANAL	3 CO	25	26	27	28	29	30
VAR	INFRMP	MANAL	3 CO	23	24				
VAR	MNEM	MANAL	8 CO	38 *					
VAR	MTLT	MANAL	3 CO	30 *					
VAR	ROTAN	MANAL	12 CO	54	56	57	59		
VARJET	ANAL	MANAL	12 CO	95	97				
VARJET	CGYAXM	MANAL	3 CO	28 *	28				
VARJET	JFBGIN	MANAL	8 CO	36 *	40	58	60		
VARSP	CGYAXM	STAMAN	11 CO	21 *	21	22 *	22	23	29
VARSP	INRU	STAMAN	13 CO	64 *					
VARSP	MNEM	STAMAN	13 CO	38	41				
VARSP	MTLT	STAMAN	8 CO	30	33				
VARSP	TRIM	STAMAN	13 CO	36	36				
VARWG	CGYAXM	MANAL	7 CO	26 *	26				
VARWG	STRAIN	MANAL	9 CO	70 *					
VARWG	VUNGST	MANAL	4 CO	29	31				
VARWG	WING	MANAL	10 CO	140	142				
VAR1	ANAL		42 *	44	46				
VAR2	ANAL		59 *	61	63				
VASTBZ	CGYAXM	MANAL	8 CO	34 *	34				
VASTBZ	GUST	MANAL	5 CO	42					
VASTBZ	MODES	MANAL	5 CO	39					
VASTBZ	STDENM	MANAL	16 CO	80	82	181	183		
VASTBZ	STRAIN	MANAL	10 CO	75 *					
VASTBZ	VUNGST	MANAL	5 CO	43	44				
VAW	WING		166 *	167	175	176			
VAWFLO	NADIAL	STAMAN	22 CO	45					
VAWFLO	START	STAMAN	22 CO	62 SA					
VAWFLO	UNSTED	STAMAN	2 TY	21 CO	76				
VAWFLO	YRINIT		1	2 TY	51 *				
VB	WKTASN		38						
V4	WKTABN		1	2 TY	6	7	8	36	37
V5	AFTRIM	FORYD	7 CO	66 *					
V5	AJACOB	FORYD	3 CO	54 *					
V5	HOPPOD	FORYD	8 CO	40 *	41 *	47 *	48 *		
V5	DERIV	FORYD	7 CO	103 *	104 *	105 *	110 *	141 *	142 *
V5	FPYLAC	FORYD	3 CO	28	28	28	29	29	29
V5	FPYLAC	FORYD	30	30	30				
V5	FUSACC	FORYD	56 *	63 *	64 *	67 *	68 *	69 *	70 *
V5	FUSACC	FORYD	3 CO	31 *	32 *	33 *	42 *	43 *	44 *
V5	FUSACC	FORYD	45 *	46 *	47	53 *	54 *	55 *	55
V5	GPPLGE	FORYD	3 CO	23	24	29			
V5	GRPGND	FORYD	3 CO	30	31				
V5	MANU	FORYD	3 CO	71	80 *	80	80	80	80
V5	MANU	FORYD	31	88 *	88				
V5	MNEM	FORYD	3 CO	78 *	79 *	80 *	147 *	148 *	
V5	PRETVT	FORYD	3 CO	31 *	82 *				
V5	QSRDPF	FORYD	39 *	40 *					
V5	QSRDPF	FORYD	7 CO	24 *	25 *	26 *	27 *	37 *	38 *
V5	ROTAN	FORYD	7 CO	47					

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS					
VJ	SCASET	FORYD	3 CO	14 *	15 *	16 *	17 *	18 *	19 *
VJ	SCASET	FORYD	31 *	32 *	33 *	34 *	35 *		
VJ	SCASET	FORYD	22 *	23 *	24 *	25 *	26 *	27 *	30 *
VJ	STRENM	FORYD	7 CO	43	43				
VJ	SVINT	FORYD	3 CO	24 *					
VJ	THIM	FORYD	3 CO	35					
VJ	TVTRIM	FORYD	3 CO	3H FQ	201	239 *	239	239	239
VJ	TVTHIM	FORYD	239	240	253 *	253			
VJ	VSCAS	FORYD	3 CO	16 *					
VEXT	XSTINT	STRIMA	5 CO	33 *					
VEXT	XSTORE	STRIMA	60						
VEXT	XSTORE	STRIMA	4 CO	58	58	59	59	59	63
VF	AJACOB	MANAL	7 CO	80					
VF	ANAL	MANAL	9 CO	103 *	112	117			
VF	FLRINT	MANAL	2 CO	23					
VF	FUSACC	MANAL	4 CO	25					
VF	STAB	MANAL	2 CO	139					
VF	WREM	MANAL	5 CO	41 IO	93 SA				
VFEXT	ANAL	MANAL	12 CO	103					
VFEXT	XSTORE	MANAL	5 CO	13 *	66 *	66			
VFEXTJ	ANAL	MANAL	13 CO	103					
VFEXTJ	XSTORE	MANAL	6 CO	19 *	26 *	26			
VFFUS	ANAL	MANAL	9 CO	103					
VFFUS	FUSFNM	MANAL	3 CO	133 *	135	137	151 *	151	
VFFUS	WREM	MANAL	5 CO	23	23 IO	46	47 SA		
VFGUN	ANAL	MANAL	11 CO	99					
VFGUN	VGUNS	MANAL	4 CO	23 *	25	27			
VFGW	ANAL	MANAL	9 CO	33 *	103	112			
VFGW	WREM	MANAL	5 CO	38 IO	87 SA	87 SA			
VFILT	FLRINT	MANAL	6 CO	46 SA					
VFILT	ITHDT	MANAL	15 CO	127 *	134 SA	137 *	137		
VFILT	THIM	MANAL	11 CO	57 *					
VFILT	TVTHIM	MANAL	16 CO	99 SA					
VFINIT	START		44 SA						
VFINIT	YFINIT		1						
VFJTGN	ANAL	MANAL	9 CO	99 *	103				
VFJTGN	WREM	MANAL	5 CO	31 IO	71 SA				
VFJTSN	EXTORS	MANAL	9 CO	30	33 *	72 *	77	79	
VFJTSN	LIZE	MANAL	15 CO	102 *					
VFJTSN	WREM	MANAL	9 CO	36	36 IO	81	82 SA		
VFJTSN	XSTORE	MANAL	6 CO	26					
VFLJET	ANAL	STARAN	17 CO	90 *	92	94	99		
VFLJET	JFBGIN	STARAN	15 CO	54 *	55	57			
VFLWG	ANAL	MANAL	12 CO	103					
VFLWG	GRPFLT	MANAL	5 CO	43					
VFLWG	LIZE	MANAL	14 CO	144 *					
VFLWG	WING	MANAL	11 CO	113 *	138	156	158		
VFLWG	WREM	MANAL	9 CO	27 IO	61 SA				
VFMM	ANAL	MANAL	9 CO	39 *	44	46	103		
VFMM	WREM	MANAL	5 CO	24 IO	51 SA				
VFMM	WRUPTH	MANAL	10 CO	96 SA					
VFORCE	AFTRIM	MANAL	14 CO	76 *					
VFORCE	ANAL	MANAL	12 CO	38	39	40	55	56	57
VFORCE	GRAVTH	MANAL	9 CO	28	46				
VFORCE	INSTAB	MANAL	7 CO	153	107				
VFORCE	ITHDT	MANAL	14 CO	124 *	127	134 SA			
VFORCE	STAB	MANAL	5 CO	161	107				
VFORCE	THIM	MANAL	10 CO	88					
VFORCE	TVTHIM	MANAL	15 CO	127	134 *	260			
VFORCF	WRLOTH	MANAL	13 CO	106					
VFORCE	WRPERT	MANAL	5 CO	34 IO	34 IO				
VFORCE	WRVP	MANAL	5 CO	35 IO	35 IO				
VFORCE	ZERO	MANAL	10 CO	62 *					
VFPYL1	FUSFNM		145 *	151	153	155			
VFPYL2	FUSFNM		148 *	151	153	155			
VFRC	AZMUTH	ANDUIT	4 CO	7 TY	151 *	151			
VFRC	ITHDT	ANDUIT	2 CO	5 TY	110 *	124	145		
VFRJET	ANAL	STARAN	17 CO	97 *	95	97	99		
VFRJET	JFBGIN	STARAN	15 CO	50 *	59	60			
VFRWG	ANAL	MANAL	12 CO	103					
VFRWG	GRPFLT	MANAL	5 CO	40					
VFRWG	LIZE	MANAL	14 CO	143 *					
VFRWG	WING	MANAL	11 CO	138 *	140	142			
VFRWG	WREM	MANAL	9 CO	26 IO	59 SA				
VFS	JSTRCO	INSTAR	3 CO	126 IO					
VFS	NPUTDT	INSTAR	3 CO	41 IO					
VFS	READIN	INSTAR	4 CO	39 NA					
VFS	YFINIT	INSTAR	51	52	56	57	58		
VFS	YFINIT	INSTAR	3 CO	24	24	24	24	25 *	26 *
VFS	YFINIT	INSTAR	35	36	37	39	40	41	50

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
YFSH	MODES		36 *	37	39	41			
YFSD	FUSENM	STARAN	73	73	73	94	95	96	97
YFSJ	FUSENM	STARAN	18 CO	73	73	73	73	73	73
YFSD	FUSENM	STARAN	98						
YFSJ	YFINIT	STARAN	87 *	87					
YFSD	YFINIT	STARAN	12 CO	36 *	51 *	76 *	76	82 *	82
YFSL	FUSENM	STARAN	72	72	72	91	92	93	132
YFSL	FUSENM	STARAN	18 CO	72	72	72	72	72	72
YFSL	YFINIT	STARAN	63	75 *	75	81 *	81	86 *	86
YFSL	YFINIT	STARAN	12 CO	35 *	43 *	43	50 *	60	60
YFSL	YFINIT	STARAN	62	62	62	62	62	62	63
YFSL1	FUSENM	STARAN	18 CO	92					
YFSL1	YFINIT	STARAN	12 CO	60 *	62				
YFSL2	FUSENM	STARAN	18 CO	92	93				
YFSL2	YFINIT	STARAN	12 CO	61 *	62 *				
YFSL3	FUSENM	STARAN	18 CO	93					
YFSL3	YFINIT	STARAN	12 CO	63 *					
YFSP	FUSENM	STARAN	18 CO	74	74	74	74	74	74
YFSP	FUSENM	STARAN	74	74	74	99	100	101	134
YFSP	YFINIT	STARAN	67	77 *	77	83 *	83	88 *	88
YFSP	YFINIT	STARAN	66	66	66	66	66	66	67
YFSP	YFINIT	STARAN	12 CO	37 *	44 *	44	52 *	64	64
YFSP1	FUSENM	STARAN	18 CO	100					
YFSP1	YFINIT	STARAN	12 CO	64 *	66				
YFSP2	FUSENM	STARAN	18 CO	100	101				
YFSP2	YFINIT	STARAN	12 CO	65 *	66 *				
YFSP3	FUSENM	STARAN	18 CO	101					
YFSP3	YFINIT	STARAN	12 CO	67 *					
YFSR	FUSENM	STARAN	18 CO	76	76	76	76	76	76
YFSR	FUSENM	STARAN	76	76	76	76	76	103	133
YFSR	YFINIT	STARAN	12 CO	43 *	46 *	46	57 *	71	71
YFSR	YFINIT	STARAN	71	71	71	71			
YFSR2	FUSENM	STARAN	18 CO	103					
YFSR2	YFINIT	STARAN	12 CO	73 *	71 *				
YFSS	FUSENM	STARAN	18 CO	75	75	75	75	75	75
YFSS	FUSENM	STARAN	75	75	75	75	75	91	132
YFSS	YFINIT	STARAN	12 CO	39 *	43 *	45	56 *	69	69
YFSS	YFINIT	STARAN	69	69	69	69			
YFSS2	FUSENM	STARAN	18 CO	132					
YFSS2	YFINIT	STARAN	12 CO	68 *	69 *				
YFSTB	STRFNM		168 *	172	173				
YFSTB	WING		139 *	113	114				
YFSTBZ	ANAL	MANAL	12 CO	103					
YFSTBZ	STRFNM	MANAL	18 CO	37 *	175 *	175			
YFSTZ	GRPELT	MANAL	5 CO	28	31	34	37		
YFSTZ	LIZE	MANAL	14 CO	155 *					
YFSTZ	STRFNM	MANAL	16 CO	172 *	175	181	183		
YFSTZ	WREM	MANAL	4 CO	29 10	66 SA				
YFSY	FUSENM	STARAN	77	77	77	77	77	99	104
YFSY	FUSENM	STARAN	18 CO	77	77	77	77	77	77
YFSY	YFINIT	STARAN	12 CO	41 *	47 *	47	58 *	73	73
YFSY	YFINIT	STARAN	73	73	73	73			
YFSY2	FUSENM	STARAN	18 CO	104					
YFSY2	YFINIT	STARAN	12 CO	72 *	73 *				
YFTA	ANAL	MANAL	9 CO	56 *	61	63	103		
YFTA	WREM	MANAL	5 CO	25 10	55 SA				
YFTA	WRUPTM	MANAL	10 CO	97 SA					
YFWD	MODES		26 *	37 *	37	62			
YFXTR	EXTERS	MANAL	8 CO	66 *					
YFXTR	WREM	MANAL	8 CO	34 10	77 SA				
YFXTR	XSTORE	MANAL	5 CO	63 *	66	69	71		
YGSTW	GUST	STRIMA	21 CO	91 *					
YGSTW	VGRGST	STRIMA	21 CO	131 *	132 *				
YGSTW	WING	STRIMA	26 CO	52					
YGUST	FUSENM	STARAN	14 CO	26					
YGUST	GPELGE	STARAN	10 CO	28					
YGUST	GUST	STARAN	3 CO	73 *					
YGUST	VGRGST	STARAN	8 CO	91 *					
YGUSTR	RGUST	STARAD	15 CO	29 *	73 *	75 *	77 *	77	79
YGUSTR	RGUST	STARAD	81						
YGUSTR	RVFGST	STARAD	12 CO	44 *					
YGUSTS	GUST	MANAL	5 CO	78 *					
YGUSTS	STRFNM	MANAL	16 CO	99					
YGUSTS	VGRGST	MANAL	3 CO	86 *					
YGUSTX	GUST	MANAL	6 CO	93 *					
YGUSTX	VGRGST	MANAL	5 CO	91 *					
YGUSTX	XSTORE	MANAL	5 CO	34					
YI	FILTER		4 TY	7 *	22 *	22	30 *	30	39 *
YI	FILTER		39	48 *	48	53			
YIN	YFINIT		1	2 TY	10	15	33 *	34	34 *

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TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
YIN	YRINIT		45	46	47	48	49	50	51
YIN	YRINIT		52	53	54				
YIN	YRINIT		35 *	38	39	40	41	42	43
YIN	YSINIT		1	2 TY	11				
YK	UNSTED		96	98	98				
YK	UNSTED		2 TY	97 *	88	88	88	89	90
YK	UNSTED		90	90	90	90	92	93	95
YLO	TADINT		43 *	45	45				
YMOMN	AZMUTH	STARAN	2 TY	28 CO	130 *	130			
YMOMN	ITRCT	STARAN	24 CO	116 *	154				
YMOMN	MOPPOD	STARAN	17 CC	25	39 IO				
YO	RESINT	FORY	11 CO	55 IO	65 IO	109 IO	114 IO	136 IO	137 IO
YOO	RESTRT	FORYO	12 CO	55 IO	65 IO	109 IO	114 IO	136 IO	137 IO
YOO	TIMEOO	FORYO	7 CO	30 IO	36 IO				
YRINIT	START		62 SN						
YRINIT	YRINIT		1						
YRM	JSTRED	INSTAR	3 CO	112 IO					
YRR	LIZE	INSTAR	3 CO	43 *	84 *				
YRR	NPUTOT	INSTAR	3 CO	46 IO					
YRR	PTOOUT	INSTAR	6 CO	50					
YRR	READIN	INSTAR	4 CO	39 NA					
YRR	START	INSTAR	6 CO	62 SA	71	71	72		
YRR	WRUPTM	INSTAR	7 CC	69	54				
YRTM	AGUST	STARAD	15 CO	43 *					
YRTM	AVRGST	STARAD	12 CO	20	21				
YSAFRO	CLCD	STARAN	44	48	49	57	63	64	65
YSAFRO	CLCC	STARAN	36	36	194	231	231	231	
YSALRO	CLCO	STARAN	14 CO	40	42	43	44	44	44
YSALRO	CLCO	STARAN	66	67	68	69	70	71	72
YSALRO	CLCO	STARAN	73	78	82	83	83	83	86
YSALRO	START	STARAN	22 CC	63 SA	66				
YSALRO	STRFNM	STARAN	26 CC	61					
YSALRO	WING	STARAN	21 CO	173	173	174	174	174	
YSHN	FOCUS	MANAL	7 CO	48 *					
YSHN	GPSHFT	MANAL	5 CO	22	35				
YSHR	EQADT	MANAL	11 CC	51 IO	69				
YSHR	SHRPYL	MANAL	7 CO	39 *	39				
YSHR	TVTRIM	MANAL	13 CO	114 IO					
YSHRN	AZMUTH	ANDUIT	4 CO	7 TY	141 *	141			
YSHRN	FOCUS	ANDUIT	2 CO	5 TY	48				
YSHRN	ITRUT	ANDUIT	2 CO	5 TY	113 *	139 *	139	145 *	154
YSHRN	MOPPOD	ANDUIT	2 CO	5 TY	25	39 IO			
YSINIT	START		53 SN						
YSINIT	YSINIT		1						
YSTAM	GUST	MANAL	4 CO	36 *	28 *				
YSTBZ	JSTRED	INSTAR	3 CO	27 EQ	27 EQ	27 EQ	27 EQ	27 EQ	
YSTBZ	LIZE	INSTAR	3 CO	91 *					
YSTBZ	NPUTOT	INSTAR	3 CO	27 EQ	27 EQ	27 EQ	27 EQ	27 EQ	
YSTBZ	PTOOUT	INSTAR	3 CO	53					
YSTBZ	READIN	INSTAR	4 CO	33 EQ	33 EQ	33 EQ	33 EQ	33 EQ	
YSTBZ	START	INSTAR	8 CO	63 SA	75	75	75		
YSTM1	JSTRED		26 TY	27 EQ	145 IO				
YSTM1	NPUTOT		26 TY	27 EQ	83 IO				
YSTM1	READIN		32 TY	33 EQ	39 NA				
YSTM2	JSTRED		26 TY	27 EQ	155 IO				
YSTM2	NPUTOT		26 TY	27 EQ	94 IO				
YSTM2	READIN		32 TY	33 EQ	39 NA				
YSTM3	JSTRED		26 TY	27 EQ	165 IO				
YSTM3	NPUTOT		26 TY	27 EQ	100 IO				
YSTM3	READIN		32 TY	33 EQ	39 NA				
YSTM4	JSTRED		26 TY	27 EQ	175 IO				
YSTM4	NPUTOT		26 TY	27 EQ	106 IO				
YSTM4	READIN		32 TY	33 EQ	39 NA				
YSU	JSTRED		26 TY	27 EQ	135 IO				
YSU	NPUTOT		26 TY	27 EQ	82 IO				
YSU	READIN		32 TY	33 EQ	39 NA				
YY	GUST	STAMAN	4 CO	26	28				
YY	GUAN	STAMAN	12 CC	43 *					
YY	UNSTED		124 *	125					
YYO	AJACOB	STRIMA	25 CC	37	38	44	45	46	47
YYO	FOJACC	STRIMA	16 CC	68					
YYO	MAGO	STRIMA	13 CC	22					
YYO	SIGMA	STRIMA	33 CC	79 *					
YYO	SIGMA	STRIMA	79						
YYO	SIGM	STRIMA	65 CC	84	85	86	87	88	90
YYO	GUAN	STRIMA	71 CC	95 *	87	93			
YYI	YRINIT		21 *	22	30	32			
YYI	YSINIT		34 *	39	41				
YYIA	YSINIT		24 *	29	34				
YY2	YRINIT		27 *	28	33				

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TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS					
YY2	YSINIT		36 *	37	39			
YY2A	YSINIT		35 *	36	37			
YY3	YRINIT		28 *	30	31			
YY3	YSINIT		37 *	39	40			
Y1	SUPERP		71 *	79				
Y1	#NDXFM		1	3	4	5		
Y2	SUPERP		72 *	80				
Y2	#NDXFM		1	6	7	8		
Y3	SUPERP		73 *	81				
Y4	SUPERP		74 *	82				
Z	OUTPUT		5 TY	8 *	36	59		
Z	NUMNTF		81 *	82	83	84		
Z	PHSMAG		80 *	81	82	83		
Z	STRINT		2 TY	12 EQ	82	92		
Z	TABLAT		1	25	65			
ZA	CGZARM		1	19	20	21	22	24 25
ZA	CGZARM		26	28	31	32		
ZA	FATONS		51 *	52 SA	76 *	77	78	
ZA	TILT		39 *	40 SA				
ZAEXT	CGZARM	STRIMA	15 CO	30 *				
ZAEXT	FUSINT	STRIMA	22 CO	66 *				
ZAEXT	GUST	STRIMA	21 CO	43				
ZAEXT	VURGST	STRIMA	31 CO	47	48			
ZAFXT	XSTINT	STRIMA	6 CO	28 *				
ZAEXT	XSTORE	STRIMA	9 CO	69	70			
ZAFPYL	CGZARM	MANAL	9 CO	31 *	31			
ZAFPYL	FPYLAC	MANAL	11 CO	28	29			
ZAFPYL	FSMINT	MANAL	11 CO	19 *				
ZAFUS	CGZARM	MANAL	7 CO	20 *	23	27		
ZAFUS	FUSFNM	MANAL	10 CO	135	136	153	153	154 \ 154
ZAFUS	FUSINT	MANAL	7 CO	60 *				
ZAFUS	MNEM	MANAL	9 CO	62				
ZAFUS	MTLT	MANAL	4 CO	34				
ZAGUN	CGZARM	STAMAN	11 CO	24 *	24			
ZAGUN	JFMGIN	STAMAN	11 CO	133 *				
ZAGUN	VGUNS	STAMAN	8 CO	25	26			
ZAJET	ANAL	MANAL	11 CO	92	93	95	96	
ZAJET	CGZARM	MANAL	7 CO	26 *	26			
ZAJET	JFMGIN	MANAL	7 CO	37 *	55	56	58	59
ZAPYL	INRG	STAMAN	13 CO	104 *				
ZAPYL	TILT	STAMAN	4 CO	34	35	36	37	
ZAPYLD	CGZARM	MANAL	8 CO	27 *				
ZAPYLD	FUSFNM	MANAL	11 CO	153	153	154	154	
ZAPYLD	MNEM	MANAL	10 CO	62 *				
ZAPYLD	MTLT	MANAL	5 CO	34 *				
ZAR	ANAL	MANAL	10 CO	43	60			
ZAR	CGZARM	MANAL	6 CO	23 *				
ZAR	DENIV	MANAL	9 CO	120	121	123	124	
ZAR	GUST	MANAL	3 CO	25	26	27	28	29 30
ZAR	INFRMP	MANAL	4 CO	21	23			
ZAR	MNEM	MANAL	4 CO	39 *				
ZAR	MTLT	MANAL	3 CO	31 *				
ZAR	ROTAN	MANAL	12 CO	56	56	57	58	
ZARSP	CGZARM	STAMAN	11 CO	21 *	21	22 *	22	23 27
ZARSP	INRG	STAMAN	13 CO	65 *				
ZARSP	MNEM	STAMAN	11 CO	39	42			
ZARSP	MTLT	STAMAN	8 CO	31	34			
ZAR1	ANAL		43 *	44	45			
ZAR2	ANAL		60 *	61	62			
ZASTBZ	CGZARM	MANAL	4 CO	32 *	32			
ZASTBZ	GUST	MANAL	5 CO	42				
ZASTBZ	MODES	MANAL	6 CO	39				
ZASTBZ	STRFNM	MANAL	16 CO	52	80	81	181	182
ZASTBZ	STRZIN	MANAL	10 CO	76 *				
ZASTBZ	VURGST	MANAL	7 CO	43	44			
ZAWG	CGZARM	MANAL	6 CO	25 *	25			
ZAWG	GUST	MANAL	3 CO	31				
ZAWG	STRFNM	MANAL	16 CO	52				
ZAWG	STRZIN	MANAL	8 CO	72 *				
ZAWG	VURGST	MANAL	1 CO	27	28			
ZAWG	WING	MANAL	9 CO	140	141	156	157	
ZA1	TILT		36 *	39				
ZA2	TILT		37 *	39				
ZDU	AFTRIM		112					
ZDELTI	AFTRIM	STRIMA	27 CO	87				
ZDELTI	MANU	STRIMA	17 CO	46				
ZDELTI	READIN	STRIMA	21 CO	108 IO	111	111 *	112	
ZDELTI	RESTRT	STRIMA	36 CO	90	118 *			
ZDELTI	SIVAR	STRIMA	20 CO	31 IO				
ZDELT2	MANU	STAMAN	15 CO	41				

TABLE 10. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS					
2DELT2	READIN	STAMAN	14 CO	108 IO	112	112 *		
4DELT2	RESTRT	STAMAN	27 CO	71 *	92	121 *		
2DELT2	SIVAR	STAMAN	12 CO	31 IO				
ZERO	CLEAR		115 SN					
4ERO	ZERO		1					
4ETAR	GNPCNT	MANAL	11 CO	63	64	71	72	
4ETAR	INRO	MANAL	8 CO	109 *	110 *			
4ETAR	INRTR	MANAL	8 CO	33 SA	33 SA			
2ETAR	MTLT	MANAL	20 SA	20 SA	21	25		
4ETAR	MTLT	MANAL	4 CO	15 *	15	16 SA	16 SA	19 * 19
4ETAR	RTINIT	MANAL	7 CO	45				
4ETAR	STAB	MANAL	4 CO	117				
4ETAR	SUBNAT	MANAL	13 CO	26	27			
4ETAR	TILT	MANAL	4 CO	24	25	26	27	28 29
2ETAR	TILT	MANAL	29					
4ETAR	WRCPTR	MANAL	12 CO	73				
2ETAR	ZERO	MANAL	9 CO	90 *				
2ETAR	ZLLCAL	MANAL	4 CO	36				
2F	AFTRIN	MANAL	11 CO	116				
2F	AJACGD	MANAL	7 CO	81				
2F	ANAL	MANAL	9 CO	104 *	113	118		
2F	BATRY4	MANAL	2 CO	25				
2F	FLHINT	MANAL	2 CO	24				
2F	FUSACC	MANAL	4 CO	26				
2F	STAB	MANAL	2 CO	137				
2F	SUPERP	MANAL	2 CO	65				
2F	WREM	MANAL	5 CO	81 IO	98 SA			
4FEXT	ANAL	MANAL	12 CO	104				
4FEXT	XSTORE	MANAL	5 CO	14 *	67 *	67		
4FEXTJ	ANAL	MANAL	13 CO	104				
4FEXTJ	XSTORE	MANAL	6 CO	20 *	27 *	27		
4FFUS	ANAL	MANAL	9 CO	104				
2FFUS	FUSENM	MANAL	8 CO	134 *	135	136	152 *	152
4FFUS	WREM	MANAL	5 CO	23	23 IO	46	47 SA	
2FGUN	ANAL	MANAL	11 CO	130				
4FGUN	VGUNS	MANAL	4 CO	24 *	25	26		
4FGB	ANAL	MANAL	9 CO	34 *	104	113		
2FGB	WREM	MANAL	5 CO	38 IO	87 SA	87 SA		
2FJTGN	ANAL	MANAL	9 CO	100 *	104			
2FJTGN	WREM	MANAL	5 CO	31 IO	71 SA			
4FJTSN	EXTORS	MANAL	9 CO	30	34 *	73 *	77	78
2FJTSN	LIZE	MANAL	15 CO	163 *				
4FJTSN	WREM	MANAL	9 CO	36	36 IO	81	82 SA	
2FJTSN	XSTORE	MANAL	6 CO	27				
2FLJET	ANAL	STAMAN	17 CO	91 *	92	93	100	
2FLJET	JFUGIN	STAMAN	15 CO	53 *	55	56		
4FLMG	ANAL	MANAL	9 CO	104				
2FLMG	GNPFLT	MANAL	2 CO	44				
4FLMG	TIMLP	MANAL	4 CO	57				
2FLMG	WING	MANAL	156	157				
4FLMG	WING	MANAL	4 CO	114 *	120	124	127 *	127 139
4FLMG	WREM	MANAL	5 CO	27 IO	61 SA			
2FLMG1	TIMLP	MANAL	7 CO	57 *				
4FLMG1	WING	MANAL	11 CO	124				
2FMR	ANAL	MANAL	9 CO	40 *	44	45	104	
2FMR	WREM	MANAL	5 CO	24 IO	51 SA			
2FMR	WRCPTR	MANAL	10 CO	96 SA				
4FPYL1	FUSENM		146 *	152	153	154		
4FPYL2	FUSENM		149 *	152	153	154		
4FRJET	ANAL	STAMAN	17 CO	88 *	95	96	100	
4FRJET	JFUGIN	STAMAN	15 CO	51 *	58	59		
4FRMG	ANAL	MANAL	9 CO	104				
4FRMG	GNPFLT	MANAL	2 CO	44				
4FRMG	TIMLP	MANAL	4 CO	58				
2FRMG	WING	MANAL	3 CO	139 *	140	141		
4FRMG	WING	MANAL	5 CO	26 IO	59 SA			
4FRMG1	TIMLP	MANAL	7 CO	58 *				
4FRMG1	WING	MANAL	11 CO	120				
4FSD	MODES		35 *	38	39	40		
2FSTB	STRFNM		169 *	170	171			
2FSTB	WING		110 *	111	112			
2FSTBZ	ANAL	MANAL	12 CO	104				
4FSTNZ	STOFNM	MANAL	16 CO	38 *	176 *	176		
4FSTZ	GNPFLT	MANAL	5 CO	29	32	35	38	
4FSTZ	LIZE	MANAL	14 CO	156 *				
4FSTZ	STRFNM	MANAL	16 CO	173 *	176	181	182	
2FSTZ	WREM	MANAL	8 CO	29 IO	66 SA			
4FT	AFTRIN	MANAL	15 CO	116 *				
4FT	SUPERP	MANAL	6 CO	65				
2FTN	ANAL	MANAL	9 CO	57 *	61	62	104	

TABLE 10. CONCLUDED.

VAR	SUB	COMMON	STATEMENT NUMBERS					
&ETH	#RFM	MANAL	5 CO	25 IO	55 SA			
&ETH	#HLPTH	MANAL	10 CO	97 SA				
&EWD	MODES		27 *	38 *	38	59		
&EXTR	EXTURS	MANAL	4 CO	67 *				
&EXTR	#RFM	MANAL	8 CO	34 IO	77 SA			
&EXTR	XSTURL	MANAL	5 CO	64 *	67	69	70	
ZH	TABINT		35 *	45				
&K3	CDLL		2 TY	54 *	112 *	113	117	151
&K3	CLCD		74 *	100 *	104	110	136	140
&K4	CDLL		2 TY	151 *	154	154		
ZL	TABINT		34 *	45	45			
&LLCAL	AJACOB		12 SN					
&LLCAL	INSTAB		137 SN					
&LLCAL	TILT		33 SN					
&LLCAL	VARI		89 SN					
&LLCAL	ZLLCAL		1					
ZLLOOJ	STOENM	STAMAN	20 CO	101				
&LLOOJ	VARI	STAMAN	14 CO	182 *	182			
ZLLOOJ	#ING	STAMAN	15 CO	54				
ZLLINC	LIZE	STAMAN	19 CC	79 *				
ZLLINC	STOENM	STAMAN	20 CC	103	110			
&LLINC	WING	STAMAN	15 CO	56	63			
ZLLINC	ZLLCAL	STAMAN	9 CO	19 *	34 *	34	36 *	36
&LLINC	ZLLCAL	STAMAN	39	48 *	48	49 *	49	
ZLLOCK	STOENM	STRIMA	31 CO	102				
&LLOCK	WING	STRIMA	26 CO	55				
ZLLOCK	XCONIN	STRIMA	15 CC	96 *				
ZMAX1	READIN		108 IO	113				
ZMAX2	MANU	STAMAN	14 CC	42				
ZMAX2	READIN	STAMAN	13 CC	108 IO				
&MAX2	RESTNT	STAMAN	26 CO	72 *	93	122 *		
&MAX2	SIVAR	STAMAN	11 CC	31 IO				
ZMAX3	MANU	STAMAN	14 CO	47				
&MAX3	READIN	STAMAN	13 CC	108 IO				
ZMAX3	RESTNT	STAMAN	26 CO	73 *	94	123 *		
&MAX3	SIVAR	STAMAN	11 CO	31 IO				
ZMOOSQ	OUTFLT		4 TY	34 *	35			
ZRTH	ROUST	STARAD	15 CO	61 *				
ZRTH	RVROST	STARAD	12 CO	20	21			
&STA	VOROST		24 TY	26 *	35 *	37 *	39 *	41 *
&STA	VOROST		48 *	52 *	54 *	62		44 *
&STAH	GUST	STRIMA	21 CC	29 *	30 *			
ZSTAH	RVROST	STRIMA	15 CO	21				
&STALW	VOROST		32 *	54				
ZSTAPF	RVROST		21 *	23				
ZSTARW	VOROST		31 *	52				
ZSTAW	VOROST		28 *	31	32			
&STMP	MODES		34 *	35	36			
&Z	GUST	MANAL	3 CO	29	30			
ZZ	JFBGIN	MANAL	6 CO	81 *				
ZZ	MNEM	MANAL	8 CO	59	146			
ZZ	QUAN	MANAL	6 CO	44 *	94			
ZZ	ROTAN	MANAL	12 CC	68				
ZZ	VOROST	MANAL	3 CO	26	28	44	48	
&Z	WRTRIM	MANAL	3 CO	44				
&ZD	AFTRIM	MANAL	11 CC	66				
ZZD	AJACOB	MANAL	7 CO	31 EQ	44	45	46	47
ZZD	FUSACC	MANAL	4 CO	69				
ZZD	GRPFLT	MANAL	2 CO	23	69	69		
ZZD	GRPORD	MANAL	4 CO	23				
&ZD	ITRIM	MANAL	5 CO	29 EQ				
ZZD	JACOBI	MANAL	2 CO	23 EQ				
&ZD	JFBGIN	MANAL	5 CO	80 *				
&ZD	LIZE	MANAL	11 CC	40				
ZZD	MNEM	MANAL	7 CO	44	45	46	47	80
&ZD	QUAN	MANAL	5 CO	80 *	89			
ZZD	SUPERP	MANAL	2 CO	66				
&ZD	TRIM	MANAL	7 CO	32 EQ				
&ZD	WRTRIM	MANAL	2 CO	25 EQ				
ZZTH	MNEM	MANAL	8 CC	72				
ZZTR	QUAN	MANAL	6 CC	94 *				
ZZTH	ROTAN	MANAL	12 CO	67				
&ZTH	RTINIT	MANAL	6 CO	47 *				
Z1	OUTFLT		5 TY	27 *	30	31		
&1	STOINT		2 TY	12 EQ	29	39		
Z1	#NOXFM		1	3	4	5		
&2	OUTFLT		5 TY	28 *	29			
Z2	STOINT		2 TY	12 EQ	55	65		
&2	#NOXFM		1	6	7	8		
Z3	OUTFLT		5 TY	16 *	29			
&3	OUTFLT		5 TY	29 *	30	31		

TABLE 11. GLOBAL CROSS-REFERENCE FOR GDAP80.

VAR	SUB	COMMON	STATEMENT NUMBERS						
A			116 TY						
A			68 TY	71 TY	74 TY	79 TY	82 TY	84 TY	85 TY
A			54 TY	55 TY	56 TY	57 TY	62 TY	65 TY	67 TY
A			44 TY	47 TY	49 TY	50 TY	51 TY	52 TY	53 TY
A		THS2	69	70					
A		THS2	4 CO	55 IO	56 IO	62	62	63	63
A	ALLMAT		56	60	65	76			
A	ALLMAT		47 *	49	53	52	53 *	56 *	56
A	ALLMAT		39 *	41	42 *	42	43 *	44	46
A	ALLMAT		20	20	20	28	37	38 *	38
A	ALLMAT		5 TY	6 TY	11 EQ	15	19	19	20
A	CONPLT		3						
A	CONTUR	THS2	91	94	95	95	98	102	114
A	CONTUR	THS2	3 CO	6 EQ	37 IO	72 IO	77 IO	83 IO	89
A	CURVET	THS2	3 CO	24 IO	34 IO	47			
A	C81L	THS2	3 CO	12 IO	13 IO	21 IO	29 IO		
A	DLLSQ		88	113					
A	DLLSQ		66	70 *	70	70	72	72	83
A	DLLSJ		38	39 *	43	43	46	52 *	66
A	DLLSQ		1	2 TY	3 TY	15	15	37	38 *
A	DTFDTA	THS2	3 CO	19 IO	23				
A	DTFITM	THS2	3 CO	47 IO					
A	DTFNFO	THS2	3 CO	33 IO					
A	EXPON		6 TY	7 TY	9 EQ	50 *	52 *	54 *	
A	FSFT	THS2	51	56	57				
A	FSFT	THS2	42	43	43	46	47	48	48
A	FSFT	THS2	3 CO	22 IO	33	34	35	38	39
A	HARM		1	3 TY	26 *	29 *	29		
A	MOVBLK	THS2	3 CO	12 IO	14 IO	29 IO	32	34 IO	35
A	PRUNY	THS2	42	45 IO	51	56			
A	PRUNY	THS2	3 CO	13 IO	15 IO	32 IO	35	37	41
A	SCALIT	THS2	5 CO	33 IO	57 IO	68 *	69		
A	VSRTPM		1	2 TY	14	16	17 *	17	18 *
A	VSRTPM		32 *	32	33 *	34	39	40 *	40
A	VSRTPM		19	24	25 *	25	26 *	27	31
A	VSRTPM		77	78 *					
A	VSRTPM		41 *	46	48	70	72	74 *	74
AA			6 TY	7 TY	20 IO	22 IO			
ABS	CALC31		71	72	73				
ABS	CURVET		123						
ABS	DLLSQ		23						
ABS	RANGE		16	17	26	27	71	87	
ABS	SCLFIX		7						
AC			87 TY	90 TY					
ADUM15	DTFNFO		5 TY	110 IO					
ADUM2	DTFKTH		2 TY	3 EQ	9 IO	9 IO			
ADUM5	DTFKTH		2 TY	3 EQ	4 TY	9 IO			
AF	RANGE		27	70 *	71	73	75		
AF	RANGE		14 *	15	16	17	24 *	25	26
AH		TOPLOT	3 CO	76 IO	76 IO	76 IO			
AH	CONPLT	TOPLOT	2 CO	17	17 *				
AH	C81L	TOPLOT	4 CO	9	8				
AH	FSFT	TOPLOT	4 CO	24					
AL		TOPLOT	5 CO	76 IO	76 IO	76 IO			
AL	CONTUR	TOPLOT	4 CO	19					
AL	CURVET	TOPLOT	3 CO	27	54 IO	105			
AL	C81L	TOPLOT	4 CO	6	6				
AL	FSFT	TOPLOT	4 CO	14	23	58	88	88	
ALLMAT	ALLMAT		1						
ALLMAT	EXPON		55 SN						
ALOAD	CNTPLT		59	61	61	61			
ALOAD	CNTPLT		1	3 TY	23 *	23	25 SA	59	59
ALOG	MOVBLK		71						
ALOG10	RANGE		88	96					
ALPHA			36 IO	37	37	43	47 IO	48	
AMAX1	RANGE		38	39	64				
AMIN1	MOVBLK		24						
AMOD	CNTPLT		76						
AMOD	SCLFIX		36						
AMP	CURVET	TIMPTS	130						
AMP	CURVET	TIMPTS	4 CO	66 *	73 IO	88	99	126	129
AMP	PRUNY	TIMPTS	4 CO	70 *	71 *	72 *			
AMP	SCALIT	TIMPTS	6 CO	22	23	27			
AN	MOVBLK		70 *	71					
ANGLE	CNTPLT		1	3 TY	11 *	11	14	14	16 *
ANGLE	CNTPLT		16	40	43	58	58	58	
ANRAY	CALCAI	WRKCOM	5 CO	85 *	87 SA	90 *	92 SA	95 *	97 SA
ATAN2	CNTPLT		38						
AUX	DLLSQ		33 *	55 *	72	73 *	93	102	126 *
AUX	DLLSQ		1	2 TY	3 TY	16 *	31	32 *	32

TABLE 11. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
AJX	EXPON		6 TY	8 TY	9 EQ	36 SA	125 SA		
AVGU	RANGE		50 *	57 *	57	62			
AVGV	RANGE		51 *	60 *	60	63			
AVGX	RANGE		5 *	15 *	15	25 *	25	37 *	37
AVGX	RANGE		71	78 *					
AX	ESET		99 *	136 SA	110				
AX	PLOTCH		1	10 SA					
AXIS	PLOTCH		6 SN	7 SN					
AXL	SCALIT	INPLOT	2 CO	46 *	50 *				
AXL	SCLFIX	INPLOT	2 CO	6	39				
AZMRAD	RANGE		34 *	35	36	37			
AZTOL	CNTPLT		7 TY	77	77				
A1	EXPON		10 TY	146 *	167 *	168	179	181	181
A1	EXPON		187	187 IO					
A1	PROVAL		1	2 TY	16	31			
A1MAX	EXPON		179 *	181	181 *	183			
A1MIN	EXPON		183 *	187					
A2	EXPON		10 TY	147 *	148	169 *	170	187 IO	
A2	PROVAL		1	2 TY	16				
A3	EXPON		10 TY	149 *	150	171 *	187 IO		
A4	EXPON		10 TY	151 *	172 *	187 IO			
A5	EXPON		10 TY	152 *	173 *	184 SA	187 IO		
A6	EXPON		10 TY	153 *	174 *	187 IO			
B			126 TY	153 TY	161 TY				
B	DLLSQ		107	126	126				
B	DLLSQ		1	2 TY	3 TY	83	88 *	88	95
B	EXPON		3 TY	8 TY	35 *	36 SA	124 *	125 SA	
B	HARM		1	3 TY	27 *				
BA	CURVET	TIMPTS	51						
BA	CURVET	TIMPTS	4 CO	5 TY	47 *	48	49	50	51
BADNAM	DTFNED		5 TY	22 *	25 IO				
BB	ESET	WRKCOM	5 CO	30 *	98 SA				
BETA	DLLSQ		3 TY	51 *	52	53 *	53	67	85
BIG	ALLMAT		121	122					
BIG	ALLMAT		7 TY	11 EQ	26 *	29	31 *	33	118 *
BJ	ESET		6 TY	101 *	106 SA	116			
BK	CURVET		129 *	131	132 IO				
BLANK	CNTPLT		5 TY	75	79				
BLANK	CONTUR		7 TY	25					
BLANK	DTFITM		6 TY	12	35	104	109	117	
BLANK	DTFMAP		4 TY	41					
BLANK	MOVBLK		7 TY	110					
BLANK	PRINTY		10 TY	77					
BLANK	SCALIT		13 TY	38					
BO	HEDING		22 TY	23 TY	246				
BLRLOT	DTFNED		5 TY	9 TY	110 IO	111 IO			
BMP	ESET		6 TY	109 *	110 *	115 *	116 *	121 IO	
BO			154 TY	159 TY					
BO			152 TY						
BRHR	DTFNED		5 TY	107 *	110 IO	111 IO			
BVGX	RANGE		66 *	73 *	73	78			
B322	CONTUR		81 *	98 *	101	102 *	105	106	106
B322	CONTUR		109	109	112	112			
B322	ESET		7 *	46 *	54	56 *	74	75	75
B322	ESET		78	78	81	91			
B322P	CONTUR		91 *	101 *	135	109			
B322P	ESET		34 *	34 *	74	78			
B335	ESET		66	66	69	69			
B335	ESET		4 *	31 *	55	57 *	62	63	63
B135P	ESET		19 *	35 *	62	66			
C	CURVET	TIMPTS	4 CO	70 *	73 IO	131	131	131	
C	EXPON		6 TY	9 TY	36 SA	40	54	125 SA	134
C	EXPON		175						
C	EXPON		134	135	135	154	155	165	167
C	HARM		2 TY	9 *	14	15	16 *	21	26
CALCAI	CALCAI		1						
CALCAI	SCALIT		96 SN						
CC	ESET		6 TY	98 SA	99	101			
CC	MOVBLK	WRKCOM	5 CO	8 TY	38 *	56 *	56	57	68
CDAB	ALLMAT		102	116	116	156			
CDAB	ALLMAT		8 TY	12 *	28	92	94	100	102
CDABS	ALLMAT		60	65	95	103			
CDABS	EXPON		71						
CDSQRT	ALLMAT		98	153					
CK	CURVET		130 *	131	132 IO				
CNTPLT	CNTPLT		1						
CNTPLT	CONTUR		147 SN						
CO	EXPON		8 TY	81 *	88	89			
CO	MOVBLK		8 TY	53 *	56	57			
COEF	CURVET	TIMPTS	4 CO	71 *	73 IO				

TABLE 11. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS					
CDEF	HARM		2 TY	4 *	6	26	27	
CDG	ALLMAT		6 TY	11 CO	123 *	129	138	147
CDLTTL	DTFINO		3 TY	9 TY	113 IO	111 IC		
CONPLT			33 SN					
CONPLT	CONPLT		1					
CONST	HARM		2 TY	5 *	7	8		
CONT	CONTUR		24 IC	25				
CONT	DTFITM		14 IC	35				
CONT	MOVBLK		17 IC	110				
CONT	PRONY		19 IC	77				
CONT	SCALIT		30 IC	38				
CONTUR	CONPLT		28 SN					
CONTUR	CONTUR		1					
CON1	CURVFT	TINPTS	69					
CON1	CURVFT	TINPTS	4 CC	7 TY	64 *	66	67	68 69
CON2	CURVFT	TINPTS	69	69				
CON2	CURVFT	TINPTS	4 CC	7 TY	65 *	66	67	68 69
CON3	CURVFT	TINPTS	70					
CON3	CURVFT	TINPTS	4 CC	7 TY	64 *	69	69	69 69
COS	CURVFT		3A					
COS	PROVAL		12					
CPS	FSFT		106 SA					
CPOJJ1	CNTPLT		7 TY	27				
CSDT	PROVAL		12 *	19	20			
CSI	PROVAL		1 TY	13 *	16	19	20 *	20
CTP	EXPUN		4 TY	78 *	95	88	89 *	89
CTPLOT	CONTUR		3 TY	0 EQ	113	119	120	121
CURVFT	CONPLT		35 SN					
CURVFT	CURVFT		1					
CY	FSFT		106 SA					
CYP1	CNTPLT		7 TY	37				
CI	HARM		2 TY	5 *	14	15		
CIJP	CNTPLT		7 TY	26	27			
CJIL	CONPLT		13 SN					
CJIL	CJIL		1					
D	FSFT		6 TY	98 SA	101			
DABS	EXPUN		40	61	64	64	72	144 165
DABS	EXPUN		167					
DAMP	PROVAL		1	2 TY	14	29		
DATAN2	CURVFT		27					
DATAN2	EXPUN		72	135				
DATE			33 SN					
DATYPE		TDPLOT	5 CC	40 *	81 *	82 IC		
DATYPE	CONTUR	TDPLOT	4 CC	130 SA	145 SA			
DATYPE	HEADS		1	3 TY	4 IO			
DATYPE	PPLOT	TDPLOT	4 CC	11 IO				
DAYS	DTFMAP		3 TY	7 SA	9 IC			
DAU	ALLMAT		67					
DB	EXPUN		16					
DCMPLX	ALLMAT		121	122				
DCMPLX	EXPUN		38					
DDP	MOVBLK		93 *	95	85	93		
DDUMJG	ALLMAT		12	123	124			
DEDS	EXPUN		41					
DEDS	HARM		3					
DEDS	MOVBLK		53					
DET	EXPUN		3 TY	16 *	132	133	164	
DF	FSFT		106 SA					
DECODE	DECODE		1					
DECODE	DTFITM		95 SN					
DEG360	CNTPLT		7 TY	11	16	39	40	
DEG90	CNTPLT		7 TY	38				
DEL	CALCB1	INPLOT	2 CO	22	40	46	46	47 47
DEL	CALCB1	INPLOT	67	68	68	69	76	77 81
DEL	CALCB1	INPLOT	48	48	54	54	66	66 67
DEL	MOVBLK		24 *	25	43	44	103	
DEL	PPLOT	TDPLOT	2 CO	22 IO	24 IO	26 IO		
DEL	RANGE		47 *	88	89	94 *	95	96 97
DEL	RANGF		28 *	99				
DEL	SCALIT	INPLOT	2 CO	22 *	23 *	24 *	36 IC	44 * 49
DEL	SCALIT	INPLOT	67	69				
DEL	SCLFIX	INPLOT	2 CO	32	32 *	35	36	38 39
DELI	CNTPLT		26 *	27 *	28	63		
DELTRQ	MOVBLK		17 IO	23	23 *	24		
DEN	EXPUN		11 TY	138 *	139	140		
DENOM	CURVFT	TINPTS	4 CC	9 TY	57 *	64	65	
DF	FSFT		93 *	96	106 SA			
DF	PLOTCR		1	12 SA				
DELGAT	EXPUN		23					
DELGAT	HARM		4					

TABLE 11. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS					
DFLOAT	MOVBLK		51	74				
DIFF	CURVET		100 *	102 10				
DIFF1	CURVET	TEMPTS	3 CO	6 TY	54 *	57	65	
DIFF2	CURVET	TEMPTS	4 CO	6 TY	55 *	57	64	
DIFF3	CURVET	TEMPTS	5 CO	6 TY	56 *	57	64	65
DIFF5	CURVET	TEMPTS	4 CO	6 TY	62 *	64	65	
DIFF6	CURVET	TEMPTS	5 CO	6 TY	61 *	64	65	
DIFF7	CURVET	TEMPTS	4 CO	6 TY	67 *	71		
DIMAG	EXPON		4 TY	61	64	72		
DK	CURVET		131 *	132 10				
DLLSQ	DLLSQ		1					
DLLSQ	EXPON		16 SN	125 SN				
DLOG	EXPON		132	164				
DMA	ALLMAT		155					
DMA	ALLMAT		113 *	116	121	141 *	151 *	153	153
DMA	ALLMAT		6 TY	11 EQ	19 *	96 *	98	98	99
DMAX	PPLOT	INPLOT	2 CO	22 10	24 10	26 10			
DMAX	SCLFIX	INPLOT	2 CO	39 *	43				
DMAX1	ALLMAT		66						
DMC	ALLMAT		116	122	142 *	152 *	153	156	
DMC	ALLMAT		6 TY	11 EQ	20 *	97 *	98	100	114 *
DMIN	CALCB1	INPLOT	2 CO	60					
DMIN	PPLOT	INPLOT	2 CO	22 10	24 10	26 10			
DMIN	SCALIT	INPLOT	2 CO	68	69				
DMIN	SCLFIX	INPLOT	2 CO	38 *	39				
DOL			4 TY	37	43				
DPSI		THSI	3 CO	55 10	56 10				
DPSI	CONTUR	THSI	2 CO	37 10	72 10	77 10	83 10		
DPSI	CURVET	THSI	2 CO	24 10	34 10				
DPSI	CBIL	THSI	2 CO	12 10	13 10	21 10	29 10		
DPSI	DTFDTA	THSI	2 CO	14 10					
DPSI	DTFITM	THSI	2 CO	47 10					
DPSI	DTFNFO	THSI	2 CO	33 10					
DPSI	FSET	THSI	2 CO	22 10					
DPSI	MOVBLK	THSI	2 CO	12 10	14 10	29 10	34 10		
DPSI	PRONY	THSI	2 CO	13 10	15 10	32 10	45 10		
DPSI	SCALIT	THSI	2 CO	33 10	57 10				
DR	CNTPLT		57 *	62					
DRLL	EXPON		8 TY	14 *	64	72	96	111	
DSIGN	EXPON		175						
DSIN	EXPON		30						
DSIN	HARM		7						
DSIN	MOVBLK		52						
DSQRT	ALLMAT		67	118					
DSQRT	CURVET		66	71					
DSQRT	DLLSQ		22	44					
DSQRT	EXPON		134	138					
DT	EXPON		1	16					
DT	FSET		31 *	89	92	93			
DT	MOVBLK		13 *	15 *	15	25	45	46	48
DT	MOVBLK		59	43	85	85	103		
DT	PRONY		27 *	64 SA					
DT	PROVAL		1	11	12	14	29		
DTDUMY	PRONY		14 *	16 *	16	24	27	29	
DTFDTA	DTFDTA		1						
DTFDTA	DTFMAP		34 SN						
DTFITM	DTFITM		1						
DTFITM	DTFMAP		43 SN						
DTFKTR	DTFKTR		1						
DTFKTR	DTFMAP		34 SN						
DTFMAP	CONPLT		34 SN						
DTFMAP	DTFMAP		1						
DTFNFO	DTFMAP		42 SN						
DTFNFO	DTFNFO		1						
DTFNST	DTFMAP		33 SN						
DTFNST	DTFNST		1						
DTH	CNTPLT		58 *	59	61				
DTHIS	PRONY		29 *	64 SA					
DTH	CURVET		11 *	122	124	125			
DTKH	CNTPLT		7 TY	58					
DTRA	CURVET		12 *	67					
DUM1	EXPON		160 *	171	172	173			
DUM10	DTFNST		2 TY	13 10					
DUM10	DTFKTR		2 TY	9 10					
DUM2	DTFDTA		4 TY	29 10					
DUM2	DTFITM		4 TY	6 TY	123 10	123 10	124 10		
DUM2	DTFKTR		2 TY	4 TY	9 10	9 10			
DUM2	DTFNFO		3 TY	110 10					
DUM2	EXPON		161 *	174					
DUM26	DTFITM		4 TY	123 10					

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F

TABLE 11. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
DUM42	DTFNFD		5 TY	113 IO					
DUM50	DTFNFD		5 TY	110 IO					
DUM8	DTFITM		3 TY	123 IO					
DUP985	DTFXTR		2 TY	9 IC					
EDITM	DTFITM		1	12					
EDITM	DTFMAP		41 *	42 SA	43 SA				
EDITM	DTFNFD		1	11 IO	12 IO				
EPS	ALLMAT		7 TY	11 EQ	58 *	60 *	60	66 *	66
EPS	ALLMAT		67 *	67	68	68 *	95	103	
EPS	DLLSQ		4 *	23					
ERRSET			18 SN						
EXP	PROVAL		14	29					
EXPOT	PROVAL		3 TY	16 *	18	29 *	32		
EXPIDT	PROVAL		2 TY	13 *	16	18 *	18	28 *	31
EXPIDT	PROVAL		32 *	32					
EXPON	EXPON		1						
EXPON	PRONY		64 SN						
F			15 TY	16 TY	17 TY	18 TY			
F	FSFT		6 TY	96 *	106 SA	109	115		
F	MOVBLK		88 *	92					
F4	MOVBLK		72 *	88	98	99 IC			
FILE9	CBIL		17						
FL	MOVBLK		41 *	42	45	46	48		
FLOAT	ALL4AT		67						
FLOAT	CALCBI		63						
FLOAT	CNTPLT		34						
FLOAT	FSFT		91	93	96				
FLOAT	MOVBLK		25	41	48	50	79		
FLOAT	PRONY		37	29					
FLOAT	PROVAL		43						
FM	MOVBLK		79 *	80	83	81	91	81	82
FM	MOVBLK		83	85	86	86			
FMAX	CNTPLT		25 SA	27	27				
FMIN	CNTPLT		25 SA	27	27	29	63		
FMTYPE	DTFMAP		1 TY	8 TY	32 IO				
FNT	HARM		1	3 TY	12	21			
FNT2	HARM		2 TY	12 *	26				
FRC	CNTPLT		59 *	62	62				
FRCE	CNTPLT		61 *	62					
FREQUS	MOVBLK		17 IO	23	25	43	44	103	
FREQUS	MOVBLK		44 *	46	89				
FREQUP	MOVBLK		43 *	45	93				
FRUS	MOVBLK		89 *	99 IO					
FRUP	MOVBLK		90 *	99 IO					
FSFT	CONPLT		22 SA						
FSFT	FSFT		1						
FT			28 TY	29 TY					
FUNC	CNTPLT		82 *	83					
G			186 TY	193 TY	202 TY	234 TY			
GOODNM	DTFITM		4 TY	5 TY	100				
GOODNM	DTFNFD		5 TY	6 TY	16	72	95		
GRPNAM	DTFITM		124 IO						
GRPNAM	DTFITM		4 TY	9 TY	130 *	104 *	109 *	122 IO	123 IO
GRPS	DTFNFD		9 TY	11 IO	12 IO	16	22	72 *	76 IO
GRPTTL	DTFNFD		5 TY	7 TY	99				
GUN			223 TY						
H			117 TY	117 TY	117 TY	124 TY	126 TY	126 TY	126 TY
H			93 TY	109 TY	113 TY	111 TY	112 TY	117 TY	117 TY
H			160 TY	161 TY	161 TY	161 TY	161 TY	161 TY	161 TY
H			160 TY	160 TY	160 TY	160 TY	160 TY	160 TY	160 TY
H			159 TY	159 TY	159 TY	159 TY	159 TY	159 TY	159 TY
H			156 TY	156 TY	156 TY	155 TY	156 TY	157 TY	159 TY
H			153 TY	153 TY	153 TY	153 TY	154 TY	154 TY	154 TY
H			152 TY	152 TY	152 TY	152 TY	152 TY	153 TY	153 TY
H			137 TY	138 TY	139 TY	140 TY	141 TY	142 TY	132 TY
H			126 TY	126 TY	128 TY	129 TY	130 TY	135 TY	136 TY
H			230 TY						
H			224 TY	234 TY	234 TY	234 TY	234 TY	234 TY	234 TY
H			212 TY	212 TY	223 TY	223 TY	223 TY	223 TY	223 TY
H			202 TY	202 TY	212 TY	212 TY	212 TY	212 TY	212 TY
H			193 TY	193 TY	202 TY	202 TY	202 TY	202 TY	202 TY
H			186 TY	186 TY	193 TY	193 TY	193 TY	193 TY	193 TY
H			161 TY	161 TY	186 TY	186 TY	186 TY	186 TY	186 TY
H			26 TY	27 TY	28 TY	29 TY	32 TY	33 TY	34 TY
H			35 TY						
H			15 TY	15 *	16 TY	16 *	17 TY	17 *	18 *
H			21 *	22 *	23 TY	23 *	24 *		
H			47 TY	47 TY	47 TY	47 TY	47 TY	49 TY	49 TY
H			44 TY	44 TY	44 TY	44 TY	44 TY	44 TY	47 TY
H			52 TY	52 TY	53 TY	54 TY	54 TY	54 TY	54 TY

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B

TABLE 11. CONTINUED.

VAR	SUB	C IN KOM	STATEMENT NUMBERS						
M			51 TY	51 TY	51 TY	52 TY	52 TY	52 TY	52 TY
M			50 TY	50 TY	50 TY	51 TY	51 TY	51 TY	51 TY
M			49 TY	49 TY	49 TY	49 TY	50 TY	50 TY	50 TY
M			74 TY	74 TY	74 TY	74 TY	74 TY	74 TY	74 TY
M			71 TY	71 TY	71 TY	71 TY	71 TY	71 TY	71 TY
M			68 TY	68 TY	68 TY	68 TY	71 TY	71 TY	71 TY
M			67 TY	67 TY	67 TY	67 TY	67 TY	68 TY	68 TY
M			65 TY	65 TY	65 TY	65 TY	65 TY	65 TY	67 TY
M			57 TY	62 TY	62 TY	62 TY	62 TY	62 TY	62 TY
M			55 TY	56 TY	57 TY	57 TY	57 TY	57 TY	57 TY
M			54 TY	54 TY	55 TY	55 TY	55 TY	55 TY	55 TY
M			142 TY	144 TY					
M			122 TY	123 TY	127 TY	128 TY	129 TY	140 TY	141 TY
M			90 TY	90 TY	90 TY	90 TY	90 TY	94 TY	121 TY
M			87 TY	87 TY	87 TY	87 TY	87 TY	90 TY	90 TY
M			85 TY	85 TY	85 TY	85 TY	85 TY	87 TY	87 TY
M			84 TY	84 TY	84 TY	84 TY	85 TY	85 TY	85 TY
M			82 TY	82 TY	82 TY	84 TY	84 TY	84 TY	84 TY
M			79 TY	79 TY	79 TY	82 TY	82 TY	82 TY	82 TY
M			74 TY	74 TY	74 TY	79 TY	79 TY	79 TY	79 TY
M	ALLMAT		93	93	95	96	98	97	97
M	ALLMAT		5 TY	6 TY	11 EQ	78 *	79	81	92
M	ALLMAT		141	142	146 *	146	147 *	147	151
M	ALLMAT		131 *	137	137	138 *	138	138	139 *
M	ALLMAT		113	114	129	129	130 *	130	135
M	ALLMAT		97	97	102	102	103	111 *	111
M	ALLMAT		151	152	152	152	152		
M	DLLSQ		73	74	75	79 *	83 *	83	85 *
M	DLLSQ		63 *	66 *	66	67 *	67	70	72 *
M	DLLSQ		31 *	33	37 *	39	46 *	47	51
M	DLLSQ		5 TY	11 *	15 *	15	16	17	18
M	DLLSQ		126 *	126	128				
M	DLLSQ		85	88	107 *	113 *	113	117	123 *
MACEM			67 TY	68 TY					
MAMPLI	FSET		106 SA						
MAMM	FSET		98 SN						
MAMP	MAMM		1						
MAST			116 TY						
MAT			62 TY	65 TY					
MH			49 TY	50 TY					
MB			212 TY	223 TY	234 TY				
MBODY			169 TY						
MC			87 TY	90 TY					
MC			22 TY	24 TY					
MCAS			79 TY	82 TY					
MCODE			24 TY						
MCODE			15 TY	16 TY	17 TY	18 TY	21 TY	22 TY	23 TY
MCYC			51 TY						
MDEG			152 TY	153 TY	154 TY				
MDEGR			117 TY	126 TY	159 TY	160 TY	161 TY		
MDFGR			44 TY	47 TY	52 TY	54 TY	55 TY	57 TY	62 TY
MDEGR			87 TY	90 TY					
MDFGR			65 TY	67 TY	68 TY	79 TY	82 TY	84 TY	85 TY
MDPSIM	CONTOR		94 *	95 *	96	97	103	104	
MDPSIN	FSET		42 *	43 *	44	45	72	73	
MDPSIT	FSET		47 *	48 *	49	50	60	61	
MDS			186 TY	193 TY	202 TY				
MDY			154 TY	159 TY					
MD001			3 TY	5 EQ	90 TY				
MD001			3 TY	4 EQ	17 TY				
MD002			3 TY	4 EQ	18 TY				
MD002			3 TY	5 EQ	91 TY				
MD003			3 TY	6 EQ	92 TY				
MD003			3 TY	5 EQ	19 TY				
MD004			3 TY	5 EQ	20 TY				
MD004			3 TY	6 EQ	93 TY				
MD005			3 TY	7 EQ	94 TY				
MD005			3 TY	6 EQ	21 TY				
MD006			3 TY	6 EQ	22 TY				
MD006			3 TY	7 EQ	95 TY				
MD007			3 TY	8 EQ	96 TY				
MD007			3 TY	7 EQ	23 TY				
MD008			3 TY	7 EQ	24 TY				
MD008			3 TY	8 EQ	97 TY				
MD009			3 TY	9 EQ	98 TY				
MD009			3 TY	8 EQ	25 TY				
MD010			3 TY	8 EQ	26 TY				
MD010			3 TY	9 EQ	99 TY				
MD011			3 TY	10 EQ	100 TY				
MD011			3 TY	9 EQ	27 TY				

TABLE 11. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS					
M3012			3	TY	9	EQ	28	TY
M3012			3	TY	10	EQ	101	TY
M3013			3	TY	11	EQ	102	TY
M3013			3	TY	13	EQ	29	TY
M3014			3	TY	10	EQ	30	TY
M3014			3	TY	11	EQ	103	TY
M3015			3	TY	12	EQ	104	TY
M3015			3	TY	11	EQ	31	TY
M3016			3	TY	11	EQ	32	TY
M3016			3	TY	12	EQ	105	TY
M3017			3	TY	13	EQ	106	TY
M3017			3	TY	12	EQ	33	TY
M3018			3	TY	12	EQ	34	TY
M3018			3	TY	13	EQ	107	TY
M3019			3	TY	14	EQ	108	TY
M3019			3	TY	13	EQ	35	TY
M3020			3	TY	13	EQ	36	TY
M3020			3	TY	14	EQ	109	TY
M3021			3	TY	15	EQ		
M3021			3	TY	14	EQ	37	TY
M3022			3	TY	14	EQ	38	TY
M3022			3	TY	15	EQ		
M3023			3	TY	16	EQ		
M3023			3	TY	15	EQ	39	TY
M3024			3	TY	15	EQ	40	TY
M3024			3	TY	16	EQ		
M3025			3	TY	17	EQ		
M3025			3	TY	16	EQ	41	TY
M3026			3	TY	17	EQ		
M3027			3	TY	18	EQ		
M3028			3	TY	19	EQ	110	TY
M3029			3	TY	19	EQ	111	TY
M3030			3	TY	19	EQ	112	TY
M3031			3	TY	20	EQ	113	TY
M3032			3	TY	20	EQ	114	TY
M3033			3	TY	21	EQ	115	TY
M3034			3	TY	21	EQ	116	TY
M3035			3	TY	22	EQ	117	TY
M3036			3	TY	22	EQ	118	TY
M3037			3	TY	23	EQ	119	TY
M3038			3	TY	23	EQ	120	TY
M3039			3	TY	24	EQ	121	TY
M3040			3	TY	24	EQ	122	TY
M3041			3	TY	25	EQ	123	TY
M3042			3	TY	25	EQ	124	TY
M3043			3	TY	26	EQ	125	TY
M3044			3	TY	26	EQ	126	TY
M3045			3	TY	27	EQ	127	TY
M3046			3	TY	27	EQ	128	TY
M3047			3	TY	28	EQ	129	TY
M3048			3	TY	28	EQ	130	TY
M3049			3	TY	29	EQ	131	TY
M3050			3	TY	29	EQ	132	TY
M3051			3	TY	30	EQ	133	TY
M3052			3	TY	30	EQ	134	TY
M3053			3	TY	31	EQ	135	TY
M3054			3	TY	31	EQ	136	TY
M3055			3	TY	32	EQ	137	TY
M3056			3	TY	32	EQ	138	TY
M3057			3	TY	33	EQ	139	TY
M3058			3	TY	33	EQ	140	TY
M3059			3	TY	34	EQ	141	TY
M3060			3	TY	34	EQ	142	TY
M3061			3	TY	35	EQ	143	TY
M3062			3	TY	35	EQ	144	TY
M3063			3	TY	36	EQ	145	TY
M3064			3	TY	36	EQ	146	TY
M3065			3	TY	37	EQ	147	TY
M3066			3	TY	37	EQ	148	TY
M3067			3	TY	38	EQ	149	TY
M3068			3	TY	38	EQ	150	TY
M3069			3	TY	39	EQ	151	TY
M3070			3	TY	39	EQ	152	TY
M3071			3	TY	40	EQ	153	TY
M3072			3	TY	40	EQ	154	TY
M3073			3	TY	41	EQ	155	TY
M3074			3	TY	41	EQ	156	TY
M3075			3	TY	42	EQ	157	TY
M3076			3	TY	42	EQ	158	TY
M3077			3	TY	43	EQ	159	TY

TABLE 11. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS					
P3078			3	TY	44	EQ	160	TY
P3079			3	TY	44	EQ	161	TY
P3080			3	TY	44	EQ	162	TY
P3081			3	TY	45	EQ	163	TY
P3082			3	TY	45	EQ	164	TY
P3083			3	TY	46	EQ	165	TY
P3084			3	TY	46	EQ	166	TY
P3085			3	TY	47	EQ	167	TY
P3086			4	TY	47	EQ	168	TY
P3087			4	TY	48	EQ	169	TY
P3088			4	TY	48	EQ	170	TY
P3089			4	TY	49	EQ	171	TY
P3090			4	TY	49	EQ	172	TY
P3091			4	TY	50	EQ	173	TY
P3092			4	TY	50	EQ	174	TY
P3093			4	TY	51	EQ	175	TY
P3094			4	TY	51	EQ	176	TY
P3095			4	TY	52	EQ	177	TY
P3096			4	TY	52	EQ	178	TY
P3097			4	TY	53	EQ	179	TY
P3098			4	TY	53	EQ	180	TY
P3099			4	TY	54	EQ	181	TY
P3100			4	TY	54	EQ	182	TY
P3101			4	TY	55	EQ	183	TY
P3102			4	TY	55	EQ	184	TY
P3103			4	TY	56	EQ	185	TY
P3104			4	TY	56	EQ	186	TY
P3105			4	TY	57	EQ	187	TY
P3106			4	TY	57	EQ	188	TY
P3107			4	TY	58	EQ	189	TY
P3108			4	TY	58	EQ	190	TY
P3109			4	TY	59	EQ	191	TY
P3110			4	TY	59	EQ	192	TY
P3111			4	TY	60	EQ	193	TY
P3112			4	TY	60	EQ	194	TY
P3113			4	TY	61	EQ	195	TY
P3114			4	TY	61	EQ	196	TY
P3115			4	TY	62	EQ	197	TY
P3116			4	TY	62	EQ	198	TY
P3117			4	TY	63	EQ	199	TY
P3118			4	TY	63	EQ	200	TY
P3119			4	TY	64	EQ	201	TY
P3120			4	TY	64	EQ	202	TY
P3121			4	TY	65	EQ	203	TY
P3122			4	TY	65	EQ	204	TY
P3123			4	TY	66	EQ	205	TY
P3124			4	TY	66	EQ	206	TY
P3125			4	TY	67	EQ	207	TY
P3126			4	TY	67	EQ	208	TY
P3127			4	TY	68	EQ	209	TY
P3128			4	TY	68	EQ	210	TY
P3129			4	TY	69	EQ	211	TY
P3130			4	TY	69	EQ	212	TY
P3131			4	TY	70	EQ	213	TY
P3132			4	TY	70	EQ	214	TY
P3133			4	TY	71	EQ	215	TY
P3134			4	TY	71	EQ	216	TY
P3135			4	TY	72	EQ	217	TY
P3136			4	TY	72	EQ	218	TY
P3137			4	TY	73	EQ	219	TY
P3138			4	TY	73	EQ	220	TY
P3139			4	TY	74	EQ	221	TY
P3140			4	TY	74	EQ	222	TY
P3141			4	TY	75	EQ	223	TY
P3142			4	TY	75	EQ	224	TY
P3143			4	TY	76	EQ	225	TY
P3144			4	TY	76	EQ	226	TY
P3145			4	TY	77	EQ	227	TY
P3146			4	TY	77	EQ	228	TY
P3147			4	TY	78	EQ	229	TY
P3148			4	TY	78	EQ	230	TY
P3149			4	TY	79	EQ	231	TY
P3150			4	TY	79	EQ	232	TY
P3151			4	TY	80	EQ	233	TY
P3152			4	TY	80	EQ	234	TY
P3153			4	TY	81	EQ	235	TY
P3154			4	TY	81	EQ	236	TY
P3155			4	TY	82	EQ	237	TY
P3156			4	TY	82	EQ	238	TY
P3157			4	TY	83	EQ	239	TY

TABLE 11. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS			
M0158			4 TY	83 EQ	240 TY	
M0159			4 TY	84 EQ	241 TY	
M0160			4 TY	84 EQ	242 TY	
M0161			4 TY	85 EQ	243 TY	
M0162			4 TY	85 EQ	244 TY	
M0163			4 TY	86 EQ	245 TY	
M0164			4 TY	86 EQ	246 TY	
M0165			4 TY	87 EQ	247 TY	
M0166			4 TY	87 EQ	248 TY	
M0167			4 TY	88 EQ	249 TY	
M0168			4 TY	88 EQ	250 TY	
M0169			4 TY	89 EQ	251 TY	
M0170			3 TY	5 EQ	42 TY	
M0171			3 TY	5 EQ	43 TY	
M0172			3 TY	5 EQ	44 TY	
M0173			3 TY	6 EQ	45 TY	
M0174			3 TY	7 EQ	46 TY	
M0175			3 TY	7 EQ	47 TY	
M0176			3 TY	8 EQ	48 TY	
M0177			3 TY	8 EQ	49 TY	
M0178			3 TY	9 EQ	50 TY	
M0179			3 TY	9 EQ	51 TY	
M0180			3 TY	10 EQ	52 TY	
M0181			3 TY	10 EQ	53 TY	
M0182			3 TY	11 EQ	54 TY	
M0183			3 TY	11 EQ	55 TY	
M0184			3 TY	12 EQ	56 TY	
M0185			3 TY	12 EQ	57 TY	
M0186			3 TY	13 EQ	58 TY	
M0187			3 TY	13 EQ	59 TY	
M0188			3 TY	14 EQ	60 TY	
M0189			3 TY	14 EQ	61 TY	
M0190			3 TY	15 EQ	62 TY	
M0191			3 TY	15 EQ	63 TY	
M0192			3 TY	16 EQ	64 TY	
M0193			3 TY	16 EQ	65 TY	
M0194			3 TY	17 EQ	66 TY	
M0195			3 TY	17 EQ	67 TY	
M0196			3 TY	18 EQ	68 TY	
M0197			3 TY	18 EQ	69 TY	
M0198			3 TY	19 EQ	70 TY	
M0199			3 TY	19 EQ	71 TY	
M0200			3 TY	20 EQ	72 TY	
M0201			3 TY	20 EQ	73 TY	
M0202			3 TY	21 EQ	74 TY	
M0203			3 TY	21 EQ	75 TY	
M0204			3 TY	22 EQ	76 TY	
M0205			3 TY	22 EQ	77 TY	
M0206			3 TY	23 EQ	78 TY	
M0207			3 TY	23 EQ	79 TY	
M0208			3 TY	24 EQ	80 TY	
M0209			3 TY	24 EQ	81 TY	
M0210			3 TY	25 EQ	82 TY	
M0211			3 TY	25 EQ	83 TY	
M0212			3 TY	26 EQ	84 TY	
M0213			3 TY	26 EQ	85 TY	
M0214			3 TY	27 EQ	86 TY	
M0215			3 TY	27 EQ	87 TY	
M0216			3 TY	28 EQ	88 TY	
M0217			3 TY	29 EQ	89 TY	
M0218			3 TY	29 EQ	90 TY	
M0219			3 TY	29 EQ	91 TY	
M0220			3 TY	30 EQ	92 TY	
M0221			3 TY	30 EQ	93 TY	
M0222			4 TY	31 EQ	94 TY	
M0223			4 TY	31 EQ	95 TY	
M0224			4 TY	32 EQ	96 TY	
M0225			4 TY	32 EQ	97 TY	
M0226			4 TY	33 EQ	98 TY	
M0227			4 TY	33 EQ	99 TY	
M0228			4 TY	34 EQ	100 TY	
M0229			4 TY	34 EQ	101 TY	
M0230			4 TY	35 EQ	102 TY	
M0231			4 TY	35 EQ	103 TY	
M0232			4 TY	36 EQ	104 TY	
M0233			4 TY	36 EQ	105 TY	
M0234			4 TY	37 EQ	106 TY	
M0235			4 TY	37 EQ	107 TY	
M0236			4 TY	38 EQ	108 TY	
M0237			4 TY	38 EQ	109 TY	

TABLE 11. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
MD238			8 TY	39 EQ	110 TY				
MD239			4 TY	39 EQ	111 TY				
MD240			4 TY	39 EQ	112 TY				
MD241			4 TY	39 EQ	113 TY				
MD242			3 TY	39 EQ	114 TY				
MD243			4 TY	39 EQ	115 TY				
MD244			4 TY	39 EQ	116 TY				
MD245			4 TY	39 EQ	117 TY				
MD246			3 TY	40 EQ	118 TY				
MD247			3 TY	40 EQ	119 TY				
MD248			4 TY	40 EQ	120 TY				
MD249			4 TY	40 EQ	121 TY				
MD250			4 TY	40 EQ	122 TY				
MD251			4 TY	40 EQ	123 TY				
MD252			3 TY	40 EQ	124 TY				
MD253			4 TY	40 EQ	125 TY				
MD254			4 TY	40 EQ	126 TY				
MD255			4 TY	40 EQ	127 TY				
MD256			4 TY	40 EQ	128 TY				
MD257			4 TY	40 EQ	129 TY				
MD258			4 TY	41 EQ	130 TY				
MD259			4 TY	41 EQ	131 TY				
MD260			4 TY	41 EQ	132 TY				
MD261			4 TY	41 EQ	133 TY				
MD262			4 TY	41 EQ	134 TY				
MD263			4 TY	41 EQ	135 TY				
MD264			4 TY	41 EQ	136 TY				
MD265			4 TY	41 EQ	137 TY				
MD266			4 TY	41 EQ	138 TY				
MD267			4 TY	41 EQ	139 TY				
MD268			4 TY	41 EQ	140 TY				
MD269			4 TY	41 EQ	141 TY				
MD270			4 TY	41 EQ	142 TY				
MD271			4 TY	41 EQ	143 TY				
MD272			4 TY	41 EQ	144 TY				
ME			223 TY						
MEAD		PLOTD	29 EQ	29 EQ	30 EQ	30 EQ	31 EQ	31 EQ	32 EQ
MEAD		PLOTD	25 EQ	26 EQ	26 EQ	27 EQ	27 EQ	28 EQ	28 EQ
MEAD		PLOTD	22 EQ	22 EQ	23 EQ	23 EQ	24 EQ	24 EQ	25 EQ
MEAD		PLOTD	18 EQ	19 EQ	19 EQ	20 EQ	20 EQ	21 EQ	21 EQ
MEAD		PLOTD	15 EQ	15 EQ	16 EQ	16 EQ	17 EQ	17 EQ	18 EQ
MEAD		PLOTD	11 EQ	12 EQ	12 EQ	13 EQ	13 EQ	14 EQ	14 EQ
MEAD		PLOTD	8 EQ	8 EQ	9 EQ	9 EQ	10 EQ	10 EQ	11 EQ
MEAD		PLOTD	2 CO	5 EQ	5 EQ	6 EQ	6 EQ	7 EQ	7 EQ
MEAD		PLOTD	85 EQ	85 EQ	86 EQ	86 EQ	87 EQ	87 EQ	88 EQ
MEAD		PLOTD	81 EQ	82 EQ	82 EQ	83 EQ	83 EQ	84 EQ	84 EQ
MEAD		PLOTD	78 EQ	78 EQ	79 EQ	79 EQ	80 EQ	80 EQ	81 EQ
MEAD		PLOTD	74 EQ	75 EQ	75 EQ	76 EQ	76 EQ	77 EQ	77 EQ
MEAD		PLOTD	71 EQ	71 EQ	72 EQ	72 EQ	73 EQ	73 EQ	74 EQ
MEAD		PLOTD	67 EQ	68 EQ	68 EQ	69 EQ	69 EQ	70 EQ	70 EQ
MEAD		PLOTD	64 EQ	64 EQ	65 EQ	65 EQ	66 EQ	66 EQ	67 EQ
MEAD		PLOTD	60 EQ	61 EQ	61 EQ	62 EQ	62 EQ	63 EQ	63 EQ
MEAD		PLOTD	57 EQ	57 EQ	58 EQ	58 EQ	59 EQ	59 EQ	60 EQ
MEAD		PLOTD	53 EQ	54 EQ	54 EQ	55 EQ	55 EQ	56 EQ	56 EQ
MEAD		PLOTD	50 EQ	50 EQ	51 EQ	51 EQ	52 EQ	52 EQ	53 EQ
MEAD		PLOTD	46 EQ	47 EQ	47 EQ	48 EQ	48 EQ	49 EQ	49 EQ
MEAD		PLOTD	43 EQ	43 EQ	44 EQ	44 EQ	45 EQ	45 EQ	46 EQ
MEAD		PLOTD	39 EQ	40 EQ	40 EQ	41 EQ	41 EQ	42 EQ	42 EQ
MEAD		PLOTD	36 EQ	36 EQ	37 EQ	37 EQ	38 EQ	38 EQ	39 EQ
MEAD		PLOTD	32 EQ	33 EQ	33 EQ	34 EQ	34 EQ	35 EQ	35 EQ
MEAD		PLOTD	88 EQ	89 EQ					
MEAD	MEDING	PLOTD	200						
MEAD	MEDING	PLOTD	6 CO	40	67	134	155	166	175
MEAD	MOVBLK		6 TY	18 SA	19 IO	20	20		
MEAD	PRONY		9 TY	20 SA	21 IO	22	22		
MEADS	CONTJR		130 SN	145 SN					
MEADS	MEADS		1						
MEADTF	DTFITM		119 *	120 *	122 IO	123 IC	124 IC		
MEADTF	DTFITM		4 TY	75 SA	112 *	113 *	114 *	115 *	117 *
MEAD1			3 TY	4 EQ	6 TY				
MEAD1	CALCR1		6 TY	7 EQ	103 SA	104 SA			
MEAD1	CURVFT		9 TY	10 EQ	10 EQ	72 SA	82 SA	102 IO	111 SA
MEAD1	CURVFT		132 IO	135 IO					
MEAD1	FSFT		6 TY	104 SA	106 SA	121 IC			
MEAD1	MEDING		159 *	166 *	168 *	169 *	170 *	175 *	181 *
MEAD1	MEDING		7 TY	67 *	69 *	134 *	136 *	155 *	157 *
MEAD1	MEDING		303 *	307					
MEAD1	MEDING		259 *	274 *	276 *	277 *	283 *	296 *	298 *
MEAD1	MEDING		218 *	229 *	231 *	243 *	245 *	246 *	257 *
MEAD1	MEDING		182 *	200 *	202 *	203 *	204 *	215 *	217 *

TABLE 11. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
HEAD1	PPLOT		7 TY	17 SA	18 IO				
HEAD10			3 TY	4 EQ	15 TY				
HEAD11			3 TY	4 EQ	16 TY				
HEAD12			3 TY	4 EQ	17 TY				
HEAD13			3 TY	4 EQ	18 TY				
HEAD14			3 TY	4 EQ	19 TY				
HEAD15			3 TY	4 EQ	20 TY				
HEAD16			3 TY	4 EQ	21 TY				
HEAD17			3 TY	4 EQ	22 TY				
HEAD18			3 TY	4 EQ	23 TY				
HEAD19			3 TY	4 EQ	24 TY				
HEAD2			3 TY	4 EQ	7 TY				
HEAD2	CALC81		6 TY	7 EQ	106 SA				
HEAD2	CURVET		3 TY	101 SA	102 IO	112 SA	132 IO	135 IO	
HEAD2	PPLOT		7 TY	18 IO					
HEAD20			3 TY	4 EQ	25 TY				
HEAD21			3 TY	4 EQ	26 TY				
HEAD22			3 TY	5 EQ	27 TY				
HEAD23			3 TY	5 EQ	28 TY				
HEAD24			3 TY	5 EQ					
HEAD25			3 TY	5 EQ					
HEAD3			3 TY	4 EQ	8 TY				
HEAD3	CURVET		9 TY	113 SA	132 IO				
HEAD3	HEDING		8 TY	19 TY	31				
HEAD4			3 TY	4 EQ	9 TY				
HEAD4	HEDING		1	9 TY	31 *	40 *	105 *	108 *	139 *
HEAD4	HEDING		110 *	121 *	307 *				
HEAD5			3 TY	4 EQ	10 TY				
HEAD5	HEDING		9 TY	21 TY	108	109	110		
HEAD6			3 TY	4 EQ	11 TY				
HEAD7			3 TY	4 EQ	12 TY				
HEAD8			3 TY	4 EQ	13 TY				
HEAD9			3 TY	4 EQ	14 TY				
HEC			21 TY						
HEC			32 TY	33 TY	34 TY	35 TY			
HEC			94 TY	144 TY					
HEC			93 TY	102 TY	110 TY	111 TY	112 TY	124 TY	128 TY
HEC			145 TY	155 TY	156 TY	157 TY			
HEC			129 TY	130 TY	136 TY	137 TY	138 TY	143 TY	144 TY
HED		PLOTD1	8 EQ	8 EQ	9 EQ	9 EQ	10 EQ	10 EQ	11 EQ
HED		PLOTD1	2 CO	5 EQ	5 EQ	6 EQ	6 EQ	7 EQ	7 EQ
HED		PLOTD1	22 EQ	22 EQ	23 EQ	23 EQ	24 EQ	24 EQ	25 EQ
HED		PLOTD1	18 EQ	19 EQ	19 EQ	20 EQ	20 EQ	21 EQ	21 EQ
HED		PLOTD1	15 EQ	15 EQ	16 EQ	16 EQ	17 EQ	17 EQ	18 EQ
HED		PLOTD1	11 EQ	12 EQ	12 EQ	13 EQ	13 EQ	14 EQ	14 EQ
HED		PLOTD1	36 EQ	36 EQ	37 EQ	37 EQ	38 EQ	38 EQ	
HED		PLOTD1	32 EQ	33 EQ	33 EQ	34 EQ	34 EQ	35 EQ	35 EQ
HED		PLOTD1	29 EQ	29 EQ	30 EQ	30 EQ	31 EQ	31 EQ	32 EQ
HED		PLOTD1	25 EQ	26 EQ	26 EQ	27 EQ	27 EQ	28 EQ	28 EQ
HED	HEDING	PLOTD1	3 CO	105	121				
HEDAL			71 TY	74 TY					
HEDCTP		PLOTD2	2 CO	4 EQ	4 EQ	5 EQ	5 EQ	6 EQ	6 EQ
HEDCTP		PLOTD2	10 EQ	11 EQ	11 EQ	12 EQ	12 EQ	13 EQ	13 EQ
HEDCTP		PLOTD2	7 EQ	7 EQ	8 EQ	8 EQ	9 EQ	9 EQ	10 EQ
HEDCTP		PLOTD2	14 EQ	14 EQ	15 EQ	15 EQ	16 EQ		
HEDCTP	HEDING	PLOTD2	5 CO	274					
HEDFNM		PLOTD1	2 CO	41 EQ	41 EQ	41 EQ	41 EQ	41 EQ	41 EQ
HEDFNM		PLOTD1	41 EQ	41 EQ					
HEDFNM		PLOTD1	41 EQ	41 EQ	41 EQ	41 EQ	41 EQ	41 EQ	41 EQ
HEDFNM	HEDING	PLOTD1	3 CO	283	296				
HEDPPA		PLOTD1	2 CO	40 EQ	40 EQ	40 EQ	40 EQ	40 EQ	40 EQ
HEDPPA	HEDING	PLOTD1	3 CO	303					
HEDING	CALC81		103 SN						
HEDING	CURVFT		72 SN	82 SN	101 SN	111 SN	112 SN	113 SN	
HEDING	DTHTIM		75 SN						
HEDING	FSET		104 SN						
HEDING	HEDING		1						
HEDING	MOVPLK		18 SN						
HEDING	PPLOT		17 SN						
HEDING	PRONY		20 SN						
HEDPLL		PLOTD1	2 CO	39 EQ					
HEDPLL	HEDING	PLOTD1	3 CO	263					
HEDPYA		PLOTD1	2 CO	40 EQ	40 EQ	40 EQ	40 EQ	40 EQ	40 EQ
HEDPYA	HEDING	PLOTD1	3 CO	257					
HEDPYL		PLOTD1	2 CO	39 EQ	39 EQ	39 EQ	39 EQ	39 EQ	39 EQ
HEDPYL		PLOTD1	39 EQ						
HEDPYL	HEDING	PLOTD1	3 CO	215	229				
HEES			44 TY	47 TY	52 TY	54 TY	55 TY	57 TY	62 TY
HEES			87 TY	90 TY					
HELS			65 TY	67 TY	68 TY	79 TY	82 TY	84 TY	85 TY

TABLE 11. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
MFFS			117 TY	126 TY	159 TY	160 TY	161 TY		
MENT			87 TY	88 TY					
MENTS			91 TY						
MFIR			223 TY						
MFIRE			212 TY						
MFLA			110 TY						
MFN			74 TY	79 TY	82 TY				
MFR			44 TY	47 TY	51 TY	56 TY	62 TY	65 TY	71 TY
MFREQU	FSET		106 SA						
MFT			46 TY	50 TY					
MFT			26 TY	27 TY					
MFT			212 TY	223 TY	234 TY				
MG			116 TY						
MGLF			84 TY	85 TY					
MGUN			212 TY						
MHMMSS	DTFRTR		1	2 TY	9 IO	10 IO			
MHMMSS	DTFMAP	DTFCOM	2 CC	13 SA	15 IO	34 SA			
MIRF			186 TY	193 TY	232 TY	234 TY			
MISPL			67 TY	68 TY					
MK			44 TY	47 TY	52 TY	54 TY	55 TY	57 TY	62 TY
MK			65 TY						
MKPL			91 TY						
MLADL			126 TY						
MLO	EXPON		4 TY	88 *	93	96 *	97	100	111 *
MLO	EXPON		113	115					
MLIC			91 TY						
MLON			74 TY	82 TY					
MMAS			84 TY	85 TY					
MMUML			49 TY	50 TY					
MNT			49 TY	51 TY					
MODY			153 TY	161 TY					
MOLL			44 TY	47 TY					
MOMC			44 TY	47 TY					
MOMF			53 TY	56 TY					
MOML			62 TY	65 TY					
MOMP			71 TY	74 TY					
MOMS			79 TY	83 TY					
MON			91 TY						
MOND			67 TY	68 TY					
MPERC			51 TY						
MPGUN			186 TY	193 TY	232 TY				
MPOIN			116 TY						
MPYL			67 TY	68 TY					
MSEC			121 TY	122 TY	123 TY	127 TY	128 TY	129 TY	140 TY
MSEC			141 TY	142 TY					
MSEC			148 TY	149 TY					
MSEC			135 TY	139 TY	140 TY	141 TY	142 TY	146 TY	147 TY
MSITI			51 TY						
MST			126 TY						
MSTIC			62 TY	65 TY					
MSTIC			44 TY	47 TY	51 TY	52 TY	54 TY	55 TY	57 TY
MT			15 TY	16 TY	17 TY	18 TY			
MTAN			84 TY	85 TY					
MTPP			117 TY						
MUNF			186 TY	193 TY	232 TY	234 TY			
MV			152 TY						
MYCLI			87 TY	90 TY					
MZ	EXPON		136 *	137	151				
41			126 TY						
I			70						
I			63	63	63	68 *	69	69	73
I			61 *	64 *	62	62	62	62	63
I	ALLMAT		27 *	28	30	36 *	37	38	38
I	ALLMAT		46	46	47	47	48 *	49	50
I	ALLMAT		39	40 *	41	42	42	43	45 *
I	ALLMAT		135	143 *	144				
I	ALLMAT		75	76	109 *	110	127 *	132	134 *
I	ALLMAT		59 *	60	61 *	63	65	72 *	74
I	ALLMAT		50	52	53	54 *	56	56	56
I	CALC61		14 *	31 *	44 *	46	47	48	57 SA
I	CALC61		110 IC	110 *					
I	CALC61		90	94 *	95	95	100 *	101 SA	102
I	CALC61		82 *	83	84 *	95	85	89 *	90
I	CNTPLT		34	66	69	72	75	77	78
I	CNTPLT		12 *	13	14	22 *	23	23	33 *
I	CNTPLT		79	82					
I	CONTUR		128	140 IO	147 SA				
I	CONTUR		4 *	9	24 IO	24 *	58 *	59	127 *
J	CURVET		114 *	116	117				
I	CURVET		22 *	23 *	46 *	47	61 *	72 SA	78 *

TABLE 11. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
I	CURVET		14 *	15	16	17	18	19	20 10
I	DLLSQ		36	37	38	42 *	43	43	44 *
I	DLLSQ		14 *	15	15	29 *	30	34	35 *
I	DLLSQ		126						
I	DLLSQ		111 *	113	114 *	115	116	125 *	126
I	DLLSQ		17 *	88	88	91 *	95	96 *	96
I	DLLSQ		55	66	68 *	69	70	82 *	83
I	EXPDN		60 *	61	62	68	69	71	72
I	EXPLN		50	51 *	52	32	52 *	54	54
I	EXPLN		32	34 *	35	35	38 *	39	44 *
I	EXPLN		21 *	22	24 *	25	25	31 *	32
I	EXPLN		164	164	165	167	169	175	
I	EXPLN		138	140	147	149	154	155	162 *
I	EXPLN		133	134	134	135	135	136	138
I	EXPLN		124	124	130 *	131	132	132	141
I	EXPON		72	76	95 *	96	110 *	111	125 *
I	FSFT		96	97 *	98 SA	102			
I	FSFT		9 10	7 *	28 *	29	33	95 *	96
I	HARM		20 *	21	24 *	24	25		
I	HEDING		296	302 *	303	303	306 *	307	307
I	HEDING		274	274	282 *	283	283	295 *	296
I	HEDING		242 *	243	243	256 *	257	257	273 *
I	HLDING		213	214 *	215	215	220 *	224	224
I	HLDING		174 *	175	175	177 *	181	194 *	200
I	HEDING		154	154 *	155	155	165 *	166	175
I	HEDING		135	135	120 *	121	141	133 *	134
I	HEDING		40	56 *	67	67	81 *	81	124 *
I	HEDING		25 *	26	30 *	31	31	39 *	47
I	MOVBLK		67	68	69	103			
I	MOVBLK		33 *	35	54 *	55	56	57	76 *
I	PPLOT		28 *	29	31 *	32			
I	PRONY		50 *	53 *	55	56	60		
I	PROVAL		41	47 *	48	48	41 *	42	43
I	PREVAL		4 *	5	15 *	17	17	30 *	31
I	RANGE		84	84					
I	RANGE		43 *	46	63 *	73	76 *	83	83
I	RANGE		11 *	14	16	17	24	25	27
I	SCALIT		54	72	72				
I	SCALIT		35 *	36 10	36 10	37	38 *	58	63
I	VSKTPM		72	73					
I	VSKTPM		77 *	67	68 *	68	72	73	71
I	VSKTPM		46	50	51	53 *	64 *	65	76
I	VSKTPM		18	20	21	31	32	33	33
I	VSKTPM		4 *	7	12	13	15	16	17
1A	SCALIT		83 *	84	86				
1B	PPLOT		5 IY	8 IY	29	58	60	61	
1B	SCALIT		45 *	86					
1BL	HEDING		161 *	162	162 *	170	194	195 *	196
1BL	HLDING		192 *	233					
1BUF	CONPLT		14 SA						
1BUF	SCALIT		48 SA						
1COM		TOPLOT	5 CO	38 10					
1COM	CPIL	TOPLOT	4 CO	20 10					
1COM	WRITL	TOPLOT	4 CO	4 10					
1COUNT	ALLMAT		93 *	112	149 *	149			
1COUNT	PRONY		48 *	46 *	46	54	57 *		
1J	DLLSQ		71	104 *	115				
1J	DLLSQ		34 *	36	59 *	62 *	62	65	74
1JEA	PPLOT	INPLOT	7 CO	19					
1JEX	SCALIT	INPLOT	69	78 *					
1JEX	SCALIT	INPLOT	2 CO	85 *	53 *	54	64 *	66	64
1JEX	SCLFIX	INPLOT	2 CO	5	6	7	7	7	34
1JEX	SCLFIX	INPLOT	14	35	36	36	37	40	
1END	DLLSQ		42	64	68	90 *	92	87	124 *
1END	DLLSQ		4 *	12	13 *	13	14	29 *	30
1END	DLLSQ		111	123 *	122 *	122	125		
1EN	DLLSQ		1	93 *	130 *	142 *	144 *		
1EX	EXPON		16 SA	125 SA					
1FIX	RANGE		74	98	98				
1I	CNTPLT		13 *	14	15				
1I	DLLSQ		72	31 *	83	84 *	84	86 *	73
1I	DLLSQ		65 *	66	69 *	70	70	71 *	72
1I	DLLSQ		116	117					
1I	DLLSQ		49 *	99	110 *	112 *	112	113	113 *
1I	HEDING		174 *	181					
1I	SCALIT		101 *	102	132				
1J	CONTUR		128 *	133 SA	145 SA				
1J	HEADS		1	6 10					
1J	VSKTPM		13 *	14	15	17	17	20	21
1J	VSKTPM		17						

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TABLE 11. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS							
IJ	VSKTPM		25	27	28	30	32	34	35	
IK	DTFLTM		61 *	62						
IL	VSPTPM		2 TY	51 *	56 *	63				
IMI	ALLMAT		63 *	64						
IN		TUPLOT	42	47 IO	52 IO	53	76 IO			
IN		TUPLOT	2 CO	14 *	15	20 IC	34	36 IO	38 IO	
IN	CLNPLT	TUPLOT	2 CO	34 SA						
IN	CONTUR	TUPLOT	4 CO	24 IO						
IN	CURVFT	TUPLOT	5 CO	22 IO	79 IO	113 IC				
IN	CSIL	TUPLOT	4 CO	20 IC						
IN	DTFLTM		1	14 IO						
IN	DTFMAP		1	33 SA	42 SA	43 SA				
IN	DTFNFO		1	11 IO	12 IO					
IN	DTFNST		1	11 IO						
IN	FSET	TUPLOT	4 CO	9 IC						
IN	MOVBLK	TUPLOT	3 CO	17 IO						
IN	PRONY	TUPLOT	3 CO	19 IO						
IN	SCALIT	TUPLOT	13 CO	36 IO						
INDEX	ALLMAT		127	140 *	142	143				
INDLX	ALLMAT		101 *	102 *	108	111	125 *	126	126	
ING	ALLMAT		5 TY	10 TY	33 *	34				
INGNEX	DTFMAP		31 *	32 IO						
INSTR	DTFNST		2 TY	11 IO	12 IO	13 IC	14 IO			
INTER	ALLMAT		34 *	35	38	39	42	43		
INTFMT	DTFDTA		1	8	29	30				
INTFMT	DTFLTM		1	123	124					
INTFMT	DTFKTR		1	9	10					
INTFMT	DTFMAP	DTFCOM	42 SA	43 SA	44 SA					
INTFMT	DTFMAP	DTFCOM	2 CO	21 *	22 *	24	31	33 SA	34 SA	
INTFNT	DTFNFO		1	78	110	111				
INTFMT	DTFNST		1	13	14					
IP	MLVBLK		62 *	63						
IPIV	DLLSQ		2 TY	13 *	49 *	49	50 *	104		
IPLT	CONTUR		5 TY	9 *	24 IO	28	28	30 *	30	
IPLT	CONTUR		64							
IPSN		THSI	3 CO	38 IO	55 IC	56 IC				
IPSN	CALCOL	THSI	4 CO	25						
IPSN	CONTUR	THSI	2 CO	37 IO	72 IC	77 IO	83 IC			
IPSN	CPLL	THSI	2 CO	20 IO	22	26				
IPSN	DTFDTA	THSI	2 CO	14 IO						
IPSN	DTFLTM	THSI	2 CO	47 IO						
IPSN	DTFNFO	THSI	2 CO	33 IO						
IPSN	FSET	THSI	2 CO	22 IO						
IPSN	MOVBLK	THSI	2 CO	12 IO	14 IO	29 IC	34 IO			
IPSN	PRONY	THSI	2 CO	13 IO	15 IC	32 IO	45 IO			
IPSN	SCALIT	THSI	4 CO	35 IO	57 IO					
IPSN	WRITI	THSI	2 CO	4 IC						
IPI	EXPON		62 *	63	82 *	85				
IJ	SCALIT		81 *	82	84	86				
IK	EXPON		12 TY	18 *	184 SA	187	187 IO	187 IO	187 IO	
IK	EXPON		187 IO	187 IO	187 IO					
IM	VSKTPM		1	2 TY	15	20 *	23	21 *	22	
IN	VSKTPM		75	79 *						
IR	VSKTPM		37	42	43 *	43	44 *	71	75 *	
IR	VSKTPM		24 *	26	29 *	30	35 *	35	36 *	
IRAY	CALCOL	INPLOT	2 CO	3 TY	85	90	95			
IRAY	PPLOT	INPLOT	2 CO	3 TY	34	36	37			
IRAY	SCALIT	INPLOT	102 *	103						
IRAY	SCALIT	INPLOT	2 CO	3 TY	75 *	76 *	87 *	88 *	92 *	
ISE	FSET		5 TY	9 IO	29	103				
ISET	CALCOL	INPLOT	2 CO	3 TY	34	88	93	102	110 IO	
ISET	PPLOT	INPLOT	2 CO	3 TY	13	25	25	35	37	
ISET	PPLOT	INPLOT	39	40	42	46	48	59	61	
ISET	SCALIT	INPLOT	2 CO	3 TY	18 *	19 *	20 *	21 *	36 IO	
ISET	SCALIT	INPLOT	93	95	91	98	100			
ISKIP	PRONY		25 *	26 *	26	27	59	63 IO		
IST	DLLSQ		12 *	14	25 *	27 *	27	28	35	
IST	DLLSQ		115 *	125	127 *	127				
IST	DLLSQ		46	105 *	108 *	108	109	111	114	
IST	DLLSQ		32	46	52	54	68	71	81	
ISTA	MOVING		194 *	197 *	197	198	198 *	204		
IT	PPLOT		30 *	34	36	37	57 IO			
IT	VSKTPM		15 *	21	22 *	29	30 *	36	37 *	
IT	VSKTPM		71 *	79						
ITEMS	DTFLTM		4 TY	14 IO	16	16	16	19	22	
ITEMS	DTFLTM		22	24	31					
ITIME	DTFLTM		3 TY	111	123 IO	124 IO				
ITIME	DTFKTR		4 TY	9 IO	13 IO					
ITIML	PRONY		49 *	50 *	50	51	66 SA	69		
ITIME	PROVAL		1	4	15	30	37	40	41	

TABLE 11. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
ITMA	DTFITM		124 IC						
ITMA	DTFITM		4 TY	65 SA	68	68	111 *	122 IO	123 IO
ITMA1	DLCODE		1	2 TY	3 TY	7 IO			
ITMA4	DLCODE		1	2 TY	5 IO				
ITMA3	DTFITM		4 TY	62 *	65 SA				
ITMIAD	DTFITM		4 TY	24 *	28 IO	41 IC			
ITMI	DLCODE		1	2 TY	5 IO				
ITMI	DTFITM		4 TY	60 *	61	65 SA			
ITMLMT	DTFITM		5 TY	52					
ITM5	DTFDTA		1	4 TY	21				
ITM5	DTFITM		75 SA	78					
ITM5	DTFITM		1	4 TY	19	31 *	42 *	43 *	63
ITM5	DTFMAP	DTFCOM	2 CO	42 SA	43 SA	44 SA			
ITM5	DTFNFU		1	5 TY	56 *	57 *			
ITMIST	DTFNFU		5 TY	8 TY	52				
ITOKA	DTFKTR		7 *	9 IC	10 IO				
ITS	SCLFIX		10 *	11 *	15	16	24	31	67
ITT	VSRTPM		42 *	44					
IU	VSRTPM		2 TY	52 *	57 *	60			
IW	RANGE		89 *	90 *	93	91	97 *	98	
IX	SCALIT		82 *	83	89				
IY	SCALIT		84 *	85	88				
IZ	SCALIT		86 *	87					
II	CALC81		71	72	73	74	76	77	78 SA
II	CALC91		65 *	66	67	68	69	69	69
II	CONTUR		19 *	22 *	22	24 IO			
II	DTFITM		5 TY	123 IC	124 IO				
II	PPLOT		5 TY	8 TY	14	22 IC	22 IO	24 IO	27 IO
II	PPLOT		43	53					
II0	DTFMAP		4 TY	12					
III	CALC81		79						
III	CALC81		83 *	89	90 *	90	94 *	78 SA	79 *
II4	DTFITM		5 TY	15					
II6	DTFITM		6 TY	116	122 IO	123 IC	124 IO		
II8	DTFNST		9 TY	11 IO	12 IC	13 IC	14 IO		
I2	CONTUR		20 *	23 *	23	24 IO	25		
I2	PPLOT		33	51					
I2	PPLOT		5 TY	8 TY	15	22 IC	24 IO	26 IO	27 IO
I3	PPLOT		5 TY	8 TY	22 IO	47			
I32	DTFITM		5 TY	50	50	51	52	123 IC	124 IO
I320	DTFITM		7 TY	58					
I333	DTFITM		7 TY	68					
I4	PPLOT		5 TY	9 TY	16	24 IC	26 IO	26 IO	27 IO
I4	PPLOT		42	48					
I5	PPLOT		5 TY	8 TY	24 IO	50			
I507	DTFNFU		9 TY	55					
I50	DTFNST		5 TY	6	6	7	8	13 IO	14 IO
I6	PPLOT		5 TY	8 TY	26 IO	54			
I7	PPLOT		5 TY	8 TY	27 IO	56			
J	ALLMAT		64 *	65	70 *	71	74	74	76
J	ALLMAT		51 *	52	52	55 *	56	96	56
J	CNTRLT		15 *	16	16	31 *	32	84	
J	CONTUR		137 IO	137 *	140 IO	140 *			
J	CONTUR		62 *	64	117 *	118	119	120	121
J	CURVET		53	51	51	60 *	61	62	62
J	CURVET		49 *	50	48	48	49	49	53
J	CURVET		83	91 *	93	101 SA	104 *		
J	CURVET		73 IO	73 IO	73 IO	79 IO	79 *	80 *	81
J	CURVET		69	69	70	71	71	71	73 IO
J	CURVLT		63	63	66	67	68	69	69
J	DLLSQ		36 *	38	39	54 *	55	61 *	72
J	DLLSQ		101	105	109	121 *	128		
J	DLLSQ		73	76	78 *	80	82	87	99 *
J	DTFDTA		20 *	21					
J	DTFITM		124 IC	124 *	125 *	126			
J	DTFITM		123 IC	123 IO	123 *	124 IO	124 IO	124 IO	124 IO
J	DTFITM		122 IO	122 IO	122 IO	122 *	123 IO	123 IO	123 IO
J	DTFITM		69	71	75 SA	100	101	104	135
J	DTFITM		18 *	19	41 IO	41 *	67 *	68	68
J	DTFNFU		15 *	16	18	35 *	54 *	54	55
J	DTFNFU		71	72					
J	DTFNFU		56	57	63	63	66 *	70 *	73
J	DTFNST		11 IC	11 *	12 IO	12 *	13 IC	13 *	14 IO
J	DTFNST		14 *						
J	EXPON		17 *	18	18	29 *	30	32	37 *
J	EXPON		85	84 *	85	86	104 *	105	119 *
J	EXPON		38	39	49 *	50	63 *	64	64
J	EXPON		187 IC	187 IO	187 IO				
J	EXPON		185 *	187	187 IO	187 IC	187 IC	187 IO	187 IO
J	EXPON		129	131 *	163 *	163	180 *	181	181

TABLE 11. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
J	FSET		115	116	121 IO	121 *			
J	FSET		29 *	30	100 *	101	101	101	113 *
J	HARM		11 *	17 *	17	26	27	28	
J	HEADS		5 IO	6 *					
J	HEDING		57 *	59 *	59	60	61 *	61	69
J	HEDING		293						
J	HEDING		178 *	182	269 *	270	274	290 *	291
J	RANGE		12 *	14	16	17	44 *	46	69 *
J	RANGE		70						
J	SCALIT		36 IO	36 *	62 *	63	65	67	69
J	SCALIT		89						
J	SCALIT		69	72	72	80 *	81	87	88
J	VSKIPM		5 *	7	13	23	24	25	26
J	VSKIPM		69						
J	VSKIPM		28	29	50	57	58 *	64 *	65
JAZM	CONTUR		142						
JAZM	CONTUR		132 *	135 *	135	136 *	136	137 IO	140 IO
JAZMI	CONTUR		131 *	134 *	134	137 IO	140 IO		
JCOUNT	PRONY		39 *	47 *	47	49	52 *		
JGOLD	DTFNFO		89						
JGOOD	DTFNFO		5 TY	18 *	37	43 *	68	71 *	71
JITMS	DTFITM		78 *	79	80	83	89	91	93 *
JITMS	DTFITM		93	95					
JJ	DTFDTA		17 *	22 *	22	23	25 *	25	26
JJ	DTFITM		66 *	73 *	73	74	75 SA	76	78
JJ	DTFITM		108						
JJ	HEDING		180 *	182					
JJ	SCALIT		99 *	103	102	102			
JK	DTFDTA		21 *	23					
JM	DTFITM		54 *	70 *	70	71			
JP	ALLMAT		71 *	72					
JPL	CONTUR		5 TY	59 *	64 *	66	67	68	69
JPL	CONTUR		128						
JPLOT	CALC81	INPLOT	92 SA	97 SA					
JPLOT	CALC81	INPLOT	2 CO	9	13	81	82	83	87 SA
JPLOT	PPLOT	INPLOT	2 CO	30					
JPLOT	SCALIT	INPLOT	76	80	101				
JPLOT	SCALIT	INPLOT	2 CO	15 *	26 *	48	49	56	75
JPLOT2	CALC81		83 *	84	89	94			
JPSN	CURVET		24 IO	34 IO					
JPSN	C81L		12 IO	13 IO	16 IO	21 IO	22	23	24
JPSN	C81L		26	29 IO					
JP1	CALC81		7 *	13					
JP2	CALC81		10 *						
JSET	CALC91	INPLOT	2 CO	38 *	39	40	40	40	41
JSET	SCALIT	INPLOT	2 CO	43 *	51 *	53			
JSET	SCLFIX	INPLOT	2 CO	32	32	35	36	38	39
JSET	SCLFIX	INPLOT	39	39	39	40			
JSKIP	PRONY		28 *	29	49	68			
JST	DLLSQ		59 *	60	61	98 *	100 *	100	110
JULIAN	DTFMAP		7 SN						
J1	CONTUR		86 *	118					
J1	DTFITM		122 IC	122 *	123 IO	123 *	124 IC	124 *	
J1	EXPON		128 *	145 *	145	146	147	148	148
J1	EXPON		174	175	177	183	184 SA	186	
J1	EXPON		164	169	170	170	171	172	173
J1	EXPON		155	156	158	166 *	166	167	166
J1	EXPON		149	150	150	151	152	153	154
J1ST	DTFNFO		52 *	56	57				
J2	CONTUR		87 *	119					
J3	CONTUR		88 *	120					
J4	CONTUR		89 *	121					
K			28 *	29					
K	ALLMAT		69 *	73 *	73	74	76		
K	CNTPLT		42 *	43	44	50 *	51	52	63 *
K	CNTPLT		64	65	66				
K	CONTUR		27 *	28	29	30	53 *	54	54
K	CONTUR		138 *	139	140 IO	140 IO			
K	CONTUR		76 *	116 *	117	118	119	120	121
K	CURVET		90 *	91	115 *	116	117		
K	DECODE		5 IO	5 IO	5 *				
K	DLLSQ		9 *	10	10	16	19	26 *	29
K	DLLSQ		102	103	136 *	134			
K	DLLSQ		56	59	78	80	94 *	95	131 *
K	DLLSQ		29	31	32	40	49	50	54
K	DTFDTA		18 *						
K	DTFITM		15 *	16	16	16	19	22	22
K	DTFITM		117						
K	DTFITM		24	31	57 *	60	61	62	116 *
K	DTFNFO		11 IO	11 *	12 IO	12 *	14 *	16	22

TABLE 11. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
K	DTFNFO		111 *	111 IC	111 *				
K	DTFNFO		105	106	110 IU	110 *	110 IU	110 *	111 IU
K	DTFNFO		71	76 IU	76 *	98 *	99	99	104 *
K	DTFNFO		25 IC	25 *	53 *	56	57	67 *	68
K	DTFNST		11 IC	11 *	12 IU	12 *	13 IU	13 *	14 IU
K	DTFNST		14 *						
K	EXPON		99 *	98	100	101	103	106	109
K	EXPON		75	80	81	82	83	87	94
K	EXPON		71	72	73 *	73	74	74	75
K	EXPON		30 *	32	39 *	40	56 *	69 *	69
K	EXPON		113 *	113	115	116	118	121	
K	FSET		103 *	104 SA	121 IU	121 *			
K	HEDING		49 *	51 *	58 *	65	97 *	99	107 *
K	HEDING		277	288 *	291 *	293	293	296	
K	HEDING		107	108	109	110	271 *	272 *	272
K	MOVELK		55 *	56	56	57	57	63 *	67
K	MOVELK		74						
K	PROVAL		8 *	11	12	14	16	16	27 *
K	PROVAL		29	31					
K	RANGE		54 *	55	57	58	60	65 *	
K	RANGE		10 *	13 *	13	16	17	18	19
K	RANGE		20	23	21	21	23 *	23	26
K	RANGE		27	28	29	30	30	31	31
K	SCALIT		64 *	65	67	68	69	69	72
K	SCALIT		74 *	75	76				
K	SCLFIX		12 *	14 *	14	15	19 *	19	24 *
K	SCLFIX		29	31	47 *	47			
K	VSRTPM		48	49	50	53	56	73 *	74
K	VSRTPM		12 *	40	41	43	44	47 *	47
K	VSRTPM		79						
K	VSRTP4		74	75	75	76 *	76	77	73
KAGAIN	DTFNFO		26 *	42 *	42	74	114		
KAZ	CNTPLT		44 *	47 *	58	58	58	59	59
KAZ	CNTPLT		59	61	61	61			
KB	PPLOT		34 *	38	39	43	46	47	50
KB	PPLOT		53	56	58				
KBAD	DTFITM		41 IC						
KBAD	DTFITM		11 *	23 *	23	24	25	27 *	41
KBAD	DTFNFO		10 *	21 *	21	22	25	25 IU	27
KBAD	DTFNFO		32						
KINDTA		TUPLOT	5 CC	78 *	80	81			
KINDTA	CONTUR	TUPLOT	4 CC	130 SA	145 SA				
KINDTA	HEADS		1	5	5				
KIPLT	CONTUR		13 *	53 *	63	64	153 *		
KJ	CNTPLT		30 *	85 *	85	98	89	90	91 IU
KK	CONTUR		139 *	140 IU					
KK	DTFDTA		15 *	16					
KK	DTFITM		53 *	58 *	58	59	60	66	
KK	DTFNFO		13 *	17 *	17	18	36 *	37	43
KK	DTFNFO		83 *	87 *	87	89			
KK	HEDING		48 *	55 *	65	92 *	99	107	107
KKK	HEDING		65 *	67					
KL	HEDING		173 *	175	177	178	179	180	192 *
KL	HEDING		193	203					
KLIN	CURVET		105 *	130	139				
KMP	FSET		111 *	114 *	114	115	116	117	117 *
KN	DTFNFO		135 *	107					
KNTITF	DTFKTR		1	9 IU	9 IU	10 IC			
KNTOTF	DTFMAP	DTFCOM	2 CC	18 *	27 *	27	34 SA		
KNTSEQ		DTFCOM	1 CC	27 *					
KNTSEQ	DTFMAP	DTFCOM	1 CC	9	19 *	28 *	28	33	
KONV	DTFITM		3 TY	5 TY	62				
KOUNT	CURVET		53	68	69	71			
KOUNT	CURVET		33 *	44 *	44	54	55	56	62
KPIV	DLLSQ		19 *	29	32	33	49	50	60 *
KPIV	DLLSQ		76 *						
KRA	CNTPLT		59	60 *	60	61	61	61	
KRA	CNTPLT		52 *	55 *	57	57	57	59	59
KSET	CALCPL	EXPLOT	37	43	45	54	54	66	66
KSET	CALCPL	EXPLOT	2 CC	39	40	40	46	46	47
KSET	CALCPL	EXPLOT	38	93	102	110 IU			
KSET	CALCPL	INPLOT	67	67	69	68	69	76	77
KSFT	PPLOT	EXPLOT	2 CC	13	22 IC	22 IC	22 IU	23	24 IU
KSET	PPLOT	EXPLOT	51						
KSET	PPLOT	EXPLOT	24 IC	24 IU	25	26 IU	26 IU	26 IU	35
KSET	PPLOT	EXPLOT	37	39	40	42	46	48	59
KSET	SCALIT	EXPLOT	2 CC	41 *	52 *	53	79 *	81	91
KSET	SCALIT	EXPLOT	98	100					
KSET	SCLFIX	EXPLOT	39	39	39	40			
KSET	SCLFIX	EXPLOT	2 CC	32	32	35	38	38	38

TABLE 11. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
*SKIP	PRONY		19 IO	26					
*ST	DLLSQ		133 *	134	134	137	118 *	118	
*STAT	DTFITM		93 *	101					
*STAT	DTFITM		30 *	91	81 *	82 *	82	89 *	90
XX	PPLOT		36 *	38	40	41	51	54	60
XY	PPLOT		37 *	39	40	42	46	48	61
L			49 TY	50 TY					
L			212 TY	223 TY	234 TY				
L	CALC81		102 *	103 SA					
L	CONTUR		82 *	84	87	114	116	119	120
L	CONTUR		121	123					
L	CURVET		92 *	93	94				
L	DLLSQ		5 *	24	92	106	121		
L	DTFNFO		110 IO	110 IO	110 IO	110 *	111 IO	111 IO	111 IO
L	DTFNFO		36 *	95	96	97	99	101	107
L	DTFNFO		111 *						
L	EXPON		33 *	86	103 *	105	118 *	120	
L	HEDING		1	24	24	26	35	36	37
L	HEDING		125	127	140	146	147	185	187
L	HEDING		37	90	91	113	114	117	118
L	HEDING		69	72	73	79	83	85	86
L	HEDING		44	45	46	47	50	54	69
L	HEDING		289	290	298	301			
L	HEDING		251	262	264	280	281	287	288
L	HEDING		207	209	221	223	234	236	249
L	MOVBLK		40 *	41	94				
L	PPLOT		13 *	17 SA					
L	RANGE		42 *	45 *	45	46	74 *	75	82
L	SCALIT		36 IO	36 *					
L	VSRTP4		46	49	50	52	58		
L	VSRTPM		23 *	39	40	42	43	45 *	45
LA	VSRTPM		1	5					
LABEL	DTFDTA		9 *	29 IO	30 IO				
LABEL	DTFITM		8 *	123 IO	124 IO				
LABEL	DTFKTR		5 *	9 IO	10 IO				
LABEL	DTFNFO		79 *	110 IO	111 IO				
LABEL	DTFNST		6 *	13 IO	14 IO				
LAMBDA	ALLMAT	YNORP	154 *	155 *	156 *				
LAMBDA	ALLMAT	YNORP	2 CO	3 TY	15 *	79 *	81 *	104 *	135 *
LAMBDA	EXPON	YNORP	64	65 *	71	72	72	76 *	96
LAMBDA	EXPON	YNORP	3 CO	4 TY	9 80	61	64	64	64
LAMBDA	EXPON	YNORP	111						
LOCODE	DECODE		1	4	5 IO	6	7 IO		
LOCODE	DTFITM		1	65 SA					
LOCODE	DTFMAP		4 TY	8	9 IO	10	11 IO	14	15 IO
LOCODE	DTFMAP		16	17 IO	43 SA				
LOTF	DTFDTA		1	29 IO	30 IO				
LOTF	DTFITM		1	123 IO	124 IO				
LOTF	DTFKTR		1	9 IO	10 IO				
LOTF	DTFMAP	DTFCOM	2 CO	23 *	24 *	33 SA	34 SA	42 SA	43 SA
LOTF	DTFMAP	DTFCOM	44 SA						
LOTF	DTFNFO		1	110 IO	111 IO				
LOTF	DTFNST		1	13 IO	14 IO				
LPR1	DTFNFO		4 TY						
LPR2	DTFNFO		4 TY						
LMLO	MOVBLK		94 *	99 IO					
LINE	CALC81		87 SN	92 SN	97 SN				
LINE	CNTPLT		79 *	82 *	91 IO	94 IO	97 IO	101 IO	
LINE	CNTPLT		2 TY	66 *	69 *	72 *	75 *	77 *	78 *
LINE	PLOTEP		13 SN						
LINE	PPLOT		47 *	48 *	50 *	51 *	53 *	54 *	56 *
LINE	PPLOT		57 IO	58 *	60 *	61 *			
LINE	PPLOT		5 TY	6 TY	26 *	32 *	41 *	42 *	43 *
LINKEY		THSI	3 CC	55 IO	56 IO	78	79		
LINKEY	CONTUR	THSI	2 CO	17 IO	39	45	46	72 IO	75
LINKEY	CONTUR	THSI	77 IO	83 IO	85				
LINKEY	CURVET	THSI	2 CO	24 IO	34 IO				
LINKEY	CPIL	THSI	2 CC	12 IO	13 IO	21 IO	29 IO		
LINKEY	DTFDTA	THSI	2 CO	19 IO					
LINKEY	DTFITM	THSI	2 CO	47 IO					
LINKEY	DTFNFO	THSI	2 CO	33 IO					
LINKEY	FSFT	THSI	2 CC	22 IO					
LINKEY	MOVBLK	THSI	2 CC	12 IO	14 IO	29 IO	34 IO		
LINKEY	PRONY	THSI	2 CO	13 IO	15 IO	32 IO	45 IO		
LINKEY	SCALIT	THSI	4 CC	30 IO	57 IC				
LJ	DTFNFO		72	89 *	90	91	95		
LJ	DTFNFO		37 *	38	39	45	47	68 *	69
LL	DTFNFO		33	99					
LL	DTFNFO		45 *	49 *	49	52	57	90 *	93 *
LL	HEDING		37 *	40	46 *	47 *	47	54 *	60

TABLE 11. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
LL	HEDING		74 *	94	97	98	98	98	99 *
LL	HEDING		85 *	86 *	86	87 *	87	91 *	93
LL	HEDING		75	76	76 *	76	80 *	82 *	82
LL	HEDING		61	73 *	74	74 *	74	75	75 *
LL	HEDING		229	236 *	237	239 *	239	240	240
LL	HEDING		212 *	212	218	223 *	224	226 *	226
LL	HEDING		192	193 *	193	194 *	195	209 *	210
LL	HEDING		163	164	173	187 *	188	190 *	190
LL	HEDING		147 *	149	150 *	150	153	158	161
LL	HEDING		140 *	141	141	141	142	143 *	143
LL	HEDING		118 *	121	127 *	128	131 *	131	134
LL	HEDING		102	102 *	102	103 *	103	105	114 *
LL	HEDING		301 *	303					
LL	HEDING		265	267 *	267	269	271	281 *	283
LL	HEDING		246	251 *	252	254 *	254	257	264 *
LM	DLLSQ		24 *	78					
LMAX	MOVBLK		17 IO	21	25	40	102	103 *	104 IO
LMAX	MOVBLK		105						
LMAX1	MOVBLK		102 *	104 IO					
LMP	FSFT		112 *	118 *	118	119			
LMTAZM	CONTUR		11 *	12					
LN	DLLSQ		92 *	94					
LREC	DTFDTA		13 *	16	16				
LREC	DTFITM		51 *	56	56				
LREC	DTFNFO		81 *	85	85				
LREC	DTFNST		7 *	10	10				
M			116 TY						
M	ALLMAT		156	157					
M	ALLMAT		1	13	79	85	89	154	155
M	CURVET		94 *	99	100				
M	DLLSQ		1	6	13	24	25	27	28
M	DLLSQ		112	118	122	124	127		
M	DLLSQ		34	82	78	80	96	98	100
M	DTFNFO		106 *	107					
M	EXPON		1	26	26 *	27	28	29	30
M	EXPON		47	48	49	51	53	55 SA	58
M	EXPON		35	36 SA	37	41 *	41	42	43
M	EXPON		127 *	158 *					
M	EXPON		59	63	94	95	109	110	125 SA
M	HEDING		164 *	169					
M	PRLCT		5 TY	14 *	15 *	16 *	18 IO		
M	PRONY		19 IO	23 *	23	63 IO	64 SA	66 SA	
M	SCALIT		50 *						
M	VSHTPM		3 *	51	52	54 *	54	56	57
M	VSHTPM		59 *	59	61 *	61	62	63	64
MA			126 TY						
MAX	MOVBLK		39 *	62	79				
MAXAZM	CONTUR		12 *	40 *	82				
MAXPTS	MOVBLK		26 *	33					
MAX	ALLMAT		125						
MAXO	PRONY		23	26	28				
MAXO	SCALIT		14						
MBL	HEDING		7 TY	18 TY	180				
MINUS	CNTPLT		2 TY	5 TY	72	94 IO			
MINO	ALLMAT		140						
MINO	CONTUR		61	136					
MINO	PRONY		23						
MJ	DTFITM		126 *	127	127				
MM	EXPON		59 *	60					
MNI	ALLMAT		41	89 *	104	105			
MOD			79						
MOD	CNTPLT		84						
MOD	DTFITM		80	89					
MOD	DTFMAP		12						
MOD	HEDING		161	195	271				
MOD360	DTFITM		4 TY	6 TY	71 *	126			
MOVBLK	CONPLT		10 SN						
MOVBLK	MOVBLK		1						
MP1	EXPON		27 *	42 *					
MP1	FSFT		94 *	95	98 SA	100	106 SA	113	117
MP1	FSFT		121 IO						
MP1	MAHM		1	28					
MRATE	DTFITM		9 *	123 IO	124 IO				
MRATE	DTFRTR		8 *	9 IO	10 IO				
MREC	DTFITM		52 *	56 *	57	66	67	109	110
MREC	DTFITM		120	122 IO	123 IO	124 IO			
MREC	DTFITM		111	112	113	114	115	117	119
MREC	DTFNFO		82 *	85 *	86	110 IO	111 IO		
MREC	DTFNST		8 *	10 *	11 IO	12 IO	13 IO	14 IO	
MRT	HEDING		7 TY	17 TY	179				

TABLE 11. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
#SET	CALCBI	INPLOT	2 CO	22	81				
#SET	SCALIT	INPLOT	2 CO	42 *	43	44	48	49	
#TH	HARM		1	4	20				
#ULT	ALLMAT		5 TY	6 TY	11 EO	46 *	47	50	52
#ULT	ALLMAT		56						
#ULT	SCLFIX		35 *	36 *	36	37	37 *	38	
#VAR	MOVBLK		17 IO	18 SA	19 IO	32	35	104 IO	
#VAR	PRONY		67						
#VAR	PRONY		19 IO	20 SA	21 IO	35	37	51	56
#XIML	DTFDTA		14 *	20					
#XITMS	DTFDTA		1	10	11	12	13	14	
#XITMS	DTFITM		59	74	108				
#XITMS	DTFITM		42	43	44 *	44	45 IO	50	51
#XITMS	DTFITM		1	10 *	30 *	30	31	32	37
#XITMS	DTFMAP		43 SA	44	44 SA				
#XNFO	DTFITM		1	10	17	18	46	76	
#XNFO	DTFMAP		35 *	42 SA	43 SA				
#XNFO	DTFNFO		1	60 *	63 *				
#XPLT	CONTUR		56 *	61	150 *	150	151		
#XPTS		TUPLOT	5 CO	31 *					
#XPTS	FSFT	TUPLOT	4 CO	20	21				
#XPTS	PRONY	TUPLOT	8 CO	28					
#XPTS	SCALIT	TUPLOT	10 CO	14					
#XVARS		TUPLOT	5 CO	32 *	61	65	68	72	
#XVARS	HEDING	TUPLOT	4 CO	24					
#XVARS	SCALIT	TUPLOT	10 CO	45					
A	ALLMAT		13 *	14	18	22	27	36	40
A	ALLMAT		109	127	140				
A	ALLMAT		84	85	86	87	91	106 *	106
A	ALLMAT		64	67	70	75	78	82 *	82
A	ALLMAT		45	48	51	54	55	59	61
A	CONPLT		3						
A	CONTUR		15 *	16 *	46 *	49	50	52	75
A	CONTUR		155 *						
A	CONTUR		86	118	119	120	121	130 SA	145 SA
A	DLLSQ		124						
A	DLLSQ		48	99	101	101	103	108	119
A	DLLSQ		91	92	93	94	94	97	98
A	DLLSQ		1	6	9	26	54	56	61
A	DTFITM		77 *	86 *	92 *	98			
A	DTFNFO		27	101	102	103			
A	DTFNFO		46 *	48 *	51	52	88 *	92 *	96
A	DTFNST		9 *	10					
A	EXPUN		126 *	177 *					
A	EXPUN		84	103	104	118	119	123	125 SA
A	EXPUN		1	21	23	24	28	82	83
A	FSFT		16 *	20	21	27 *	27	30	32
A	FSFT		92 *	93	94	98 SA			
A	HEADS		1	5 10					
A	HEDING		126 *	130 *	136 *	139 *	148 *	151 *	157
A	HEDING		217	222 *	225 *	231	235 *	238 *	245
A	HEDING		168	181	186 *	189 *	202	208 *	211 *
A	HEDING		293 *	298					
A	HEDING		250 *	253 *	259	263 *	266 *	276	292 *
A	MOVBLK		47 *	48	49	50	51	54	66
A	PLOTER		1	4 SA	5 SA	6 SA	6 SA	7 SA	7 SA
A	PLOTER		13 SA						
A	PPLOT		12 *	13	14	15	16	19	
A	SCALIT	WRKCOM	11 CC	63 *	72 *	72	81		
AAGAIN		DTFCOM	1 CO	29 *					
AAGAIN	DTFMAP	DTFCOM	2 CO	42 SA					
AAGAIN	DTFNFO		1	5 TY	38	39 *			
AAUVEN	FSFT		11 *	13 *	123	124	125 *		
AAZM	CNTPLT		1	10	12	15	25 SA	42	47
AAZM	RANGE		1	11	33	43	68		
AAZM1	CNTPLT		10 *	11	23				
AAZM1	CONTUR		123 *	136	142	147 SA			
AAZRAD	RANGE		33 *	34	54				
AB		THS1	3 CO	55 IO	56 IO				
AB	CONTUR	THS1	2 CO	37 IO	72 IO	77 IO	83 IO		
AB	CURVFT	THS1	2 CO	24 IO	34 IO				
AB	GBIL	THS1	2 CO	12 IO	13 IO	21 IO	29 IO		
AB	DTFDTA	THS1	2 CO	19 IO					
AB	DTFITM	THS1	2 CO	47 IO					
AB	DTFNFO	THS1	2 CO	33 IO					
AB	FSFT	THS1	2 CO	22 IO					
AB	MOVBLK	THS1	2 CO	12 IO	14 IO	29 IO	34 IO		
AB	PRONY	THS1	2 CO	13 IO	15 IO	32 IO	45 IO		
AB	SCALIT	THS1	4 CO	30 IO	57 IO				
ABL	HEDING		7 TY	16 TY	178				

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TABLE 11. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
NJLIPSI	CUNTUR		5 TY	7 TY	49	86			
NJS		THSI	3 CC	55 ED	56 ED				
NJS	CUNTUR	THSI	2 CC	37 ED	50	72 EC	77 ED	83 ED	
NJS	CURVET	THSI	2 CC	24 ED	34 ED				
NJS	LBIL	THSI	2 CC	12 ED	13 ED	21 EC	29 ED		
NJS	OTFDTA	THSI	2 CC	19 ED					
NJS	OTFITN	THSI	2 CC	47 ED					
NJS	OTFNFO	THSI	2 CC	11 ED	51	101	103		
NJS	PSET	THSI	2 CC	22 ED					
NJS	MOVBLK	THSI	4 CC	12 ED	14 ED	29 EC	34 ED		
NJS	PRONY	THSI	2 CC	13 ED	15 ED	32 EC	45 ED		
NJS	SCALET	THSI	4 CC	30 ED	57 ED				
NJSG	CNTPLT		1	22	25 SA	53	55		
NJSu	CONTUR		50 *	51	53	116	117	138	147 SA
NJSGRP	OTFITN		4 TY	101 *	105 *	110 *	123 ED	124 ED	
NJSGI	CUNTUR		51 *	139					
NJSGI	OTFNFO		51 *	53	133 *	104	136		
NJUNDL	OTFDTA		10 *	11	18				
NL	CURVET	TIMPTS	4 CC	15 *	22 ED	46	61	81	93
NL	CURVET	TIMPTS	116						
NL	PRONY	TIMPTS	4 CO	67 *	68 *	69 *			
NL	SCALIT	TIMPTS	6 CO	18	19	25	26		
NLAL	ALLMAT		95 *	157 *					
NLASE		TUPLOT	5 CO	79 *	82 ED				
NLASE	CUNTUR	TUPLOT	4 CO	130 SA	145 SA				
NLASE	HEADS		1	4 EC					
NLASE	PPLOT	TUPLOT	4 CC	11 ED					
NLNTOT	CNTPLT		4 TY	33					
NLLOSE		TUPLOT	5 CO	26 *	88				
NLLOSE	CLNPLT	TUPLOT	2 CO	18	20 *				
NLLOSE	SCALIT	TUPLOT	10 CO	92	93 *				
NLN	PSET		89 *	90	91				
NLOL	OTFNFO		5 TY	131 *	110 EC	111 EC			
NLPLX	EXPON		57 *	70 *	70	129	130	104	104
NLPLX	EXPLN		165	167	169	175			
NLPT	CONTUR		91 *	62	127				
NLPX	PROVAL		4	7	8	25	26 *	26	27
NO	CURVET		79 EC	81	82 SA				
NOATA	OTFDTA		11 *	12	12	13	1e *	29 ED	30 ED
NOATE		TUPLOT	5 CO	33 SA					
NOATE	CUNPLT	TUPLOT	2 CO	34 SA					
NOATE	OTFKTN		1	2 TY	9 ED	10 EC			
NOATE	OTFMAP		1	3 TY	34 SA				
NOATE	WRITI	TUPLOT	3 CO	4 ED					
NOAYS	OTFMAP		11 EC	12 *	12	18			
NOEC	CALC01		75 *	76 *	77 *	78 SA			
NOEP	CURVET		10 EQ	113 SA	124	125	126	131	
NOIN	CURVET		3 TY	10 EQ	10 EQ	10 EQ	110 ED	116	117 *
NOJ	CURVET		83 *	88	89				
NOG	EXPON		93 *	114 *	114				
NOND	CUNTUR		16 *	17 *	47 *	152	154 *		
NOGRPS	OTFNFO		77 *	78 *	80	80	81	82	110 ED
NOGRPS	OTFNFO		111 ED						
NORPS	OTFMAP		36 *	37	38 ED	42	42 SA		
NORPS	OTFNFO		1	12	14	27	28 *	32 *	32
NORPS	OTFNFO		80	81	114				
NORPS	OTFNFO		56	67	74 *	74	75	76 ED	76 ED
NOUR	OTFMAP		17 EC	18					
NPNC	CNTPLT		8 TY	84					
NPNI	CURVET		10 EQ	111 SA	122	124	129	131	
NPN2	CURVET		10 EQ	112 SA	122	125	130	133	
NR	ALLMAT		91	86 *	92	93	96	97	97
NR	ALLMAT		132	102					
NRNTOT	CNTPLT		8 TY	31					
NR	ALLMAT		133 *	135	144				
NR	OTFITN		96	97	97 *	97	98 *	98	100
NR	OTFITN		83 *	84	85 *	85	95 *	96	96 *
NRA	ALLMAT		88 *	90	96	97			
NRB	ALLMAT		76 *	103					
NRC	ALLMAT		131	132 *	132	135 *	136	137	138
NRC	ALLMAT		110 *	111	111	126 *	126	129	130
NRL	ALLMAT		139	144 *	145	146			
NRO	ALLMAT		128 *	129	130	130	136 *	137	138
NRO	ALLMAT		139	145 *	146	147	147		
NRIN	OTFMAP		17 EC	18					
NRM	EXPON		28 *	31	32	34	36 SA		
NRS	ALLMAT		87 *	98	89	115			
NR1	ALLMAT		93 *	93	95	97			
NR2	ALLMAT		22 *	23					
NRUM	CURVET		79 EC	79 ED	90				

TABLE 11. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
NDTA	HEDING		7 TY	20 TY	26				
NDTUSE	NEWBLK		6 TY	7 TY	20	20			
NDTUSE	PRUNY		9 TY	10 TY	22	22			
NP	PRUNY		62 *	64 SA	66 SA				
NP	SCALIT		12 TY	13 TY	72	82	83	84	85
NPART		TOPLOT	5 CO	52 IO	57	76 IO	77	84	
NPART	CONPLT	TOPLOT	2 CO	4 IO					
NPART	#RDT1	TOPLOT	3 CO	4 IO					
NPLT	CONTUR		26 *	29 *	29	30	32	50	
NPOS	EXPON		92 *	99 *	99	159	162		
NPRINT		TOPLOT	5 CO	76 IO					
NPRINT	CONPLT	TOPLOT	2 CO	34 SA					
NPRINT	CONTUR	TOPLOT	4 CO	129					
NPRINT	DTFMAP		1	20					
NPRINT	PRUNY	TOPLOT	8 CO	18	28	65			
NPRINT	SCALIT	TOPLOT	10 CO	14					
NPSN	CBIL		9 *	23	24 *	25 IO	32 IO		
NPTS		TOPLOT	5 CO	44 *	51 *	59 *	59	63	
NPTS	CONPLT	TOPLOT	2 CO	34 SA					
NPTS	DTFDTA		1	12	13				
NPTS	DTFMAP		1	44 SA					
NPTS	SCALIT	TOPLOT	10 CO	14	15				
NPX	PRUNY		24 *	25	28				
NR	DTFITM		55 *	56					
NR	DTFNFO		84 *	85					
NREC	DTFDTA		12 *	13	15	16			
NREC	DTFITM		53 *	51	55	56			
NREC	DTFNFO		80 *	81	84	85			
NREC	DTFNST		6 *	7	9	10			
NREL	PRUVAL		1	25	27				
NRPM	PRUNY		19 IO	42					
NRT	HEDING		7 TY	15 TY	177				
NRT1	CONTUR		90 *	105 *	136				
NRT1	FSFT		36 *	74 *	75				
NR12	FSFT		37 *	62 *	63				
NRUN	CALCB1		41 *	44	65	100			
NS	ALLMAT		126	133	141	142			
NS	ALLMAT		5 TY	13 TY	74 *	96	88	91	110
NSL	SCALIT		69 *	70	70 *	71	71 *	72	
NSCALE		TOPLOT	5 CO	76 IO					
NSCALE	CONPLT	TOPLOT	2 CO	34 SA					
NSCALE	CONTUR	TOPLOT	4 CO	104					
NSCALE	DTFMAP		1	36					
NSEC	DTFMAP		17 IO	18					
NSETS	SCALIT		17 *	37 *	51	62	79		
NSP	CALCB1		82 *	87 SA	92 SA	97 SA			
NSTRCT	DTFMAP	DTFCUM	2 CO	29 *	29 *	33	33 SA		
NSTRCT	DTFNST		1	4 IO	6	7			
NT	CONTUR		80 *	106 *	109 *	112 *	124		
NT	FSFT		85 *						
NT	FSFT		17 *	18 *	20	21	24	25	51
NTH	SCALIT		14 *	15	25 *	59	60		
NTM	CALCB1		81 *	92					
NUM	HEDING		276	295					
NUM	HEDING		169	169	173	181	182	202	203
NUM	HEDING		6 TY	8 TY	10 EQ	10 EQ	136	157	158
NUMBER	CALCB1		21 SN	27 SN	78 SN				
NUMBER	HEDING		6 TY	7 TY	11 TY	69	204	277	
NUMBER	PLOTEM		10 SN	12 SN					
NUMC	CURVET	TIMPTS	4 CC	79 IO	91				
NUM1	HEDING		6 TY	8 TY	13 EQ	12 TY	216		
NUM2	HEDING		6 TY	8 TY	10 EQ	13 TY			
NUM3	HEDING		6 TY	9 TY	14 TY	217	231	259	
NVAGT7	FSFT		10 *	29	133	126 *			
NVALUE	DTFDTA		7 *	8 *	10				
NVARA		TOPLOT	5 CO	76 IO					
NVARA	CONPLT	TOPLOT	2 CO	16	34 SA				
NVARA	CONTUR	TOPLOT	4 CO	16	17				
NVARA	CURVET	TOPLOT	42	115					
NVARA	CURVET	TOPLOT	4 CC	21	21 *	22 IC	45	60	80
NVARA	CBIL	TOPLOT	4 CC	11					
NVARA	DTFMAP		1	22					
NVARA	FSFT	TOPLOT	4 CO	9 IO	12	13	14 *	28	97
NVARA	FSFT	TOPLOT	124 *						
NVARA	PRUNY	TOPLOT	8 CO	73 *					
NVARA	SCALIT	TOPLOT	10 CO	16	68	78			
NVARB		TOPLOT	5 CO	76 IO					
NVARB	CONPLT	TOPLOT	2 CO	18					
NVARB	CURVET	TOPLOT	4 CO	75	78				
NVARB	FSFT	TOPLOT	4 CO	105	107				

TABLE 11. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
AVARC		TJPLOT	5 CO	76 10					
AVARC	CURVET	TJPLOT	8 CO	23					
AYM	CALCA1		6 TY	8 TY	57 SA	87 SA	92 SA	97 SA	101 SA
AZERO	DTFITM		6 TY	123 10	124 10				
AZERO	DTFNFO		9 TY	110 10	111 10				
A0	MOVBLK		45 *	47					
A1	MOVBLK		25 *	26	46 *	47			
A12	CONTUR		49 *	86 *	89	91	94	95	95
A12	CONTUR		98	102	114				
A12	DTFNFO		102 *	105					
A20	CONTUR		52 *	54					
A32J	DTFITM		7 TY	16	42				
A33J	DTFJTM		7 TY	16	43				
CMEGA	CURVET		27 *	36					
CMEGA	PROVAL		1	2 TY	11	12			
DT	CURVET		36 *	37	38				
EUTPAD	CNTPLT		8 TY	79					
F	CONPLT		3						
FERIOD	PPLOT		5 TY	9 TY	32				
FERREV	EXPON		137 *	144	152				
FGMNAM		TJPLOT	5 CO	38 10					
FGMNAM	WRITI	TJPLOT	3 CO	4 10					
FHI	CURVET	TI4PTS	4 CO	67 *	73 10	89	100	122	122
FHI	CURVET	TI4PTS	124	124	125	125			
FI	EXPON		11 TY	15 *	136				
FI	HANM		2 TY	5 *	6				
FIV	DLLSQ		74	75 *	93 *	95	102 *	117	
FIV	DLLSQ		3 TY	7 *	17	18 *	21	22	57 *
FLOT			89 SN						
FLOT	CALCA1		34 SN	35 SN	36 SN	139 SN			
FLOT	CALCB1		11 SN	16 SN	17 SN	18 SN	23 SN	29 SN	33 SN
FLOT	PLOTER		1 SN	14 SN					
PLOTER	FSET		106 SN						
FLOTER	PLOTER		1						
FLOTS	CONPLT		19 SN						
FLOTS	SCALIT		94 SN						
FLUS	CNTPLT		5 TY	69	97 10				
FMAX		4AXMIN	2 CO	62	62 *	65 *	69 *		
FMAX	SCLFIX	4AXMIN	4 CO	6	7	34	40		
FMIN		4AXMIN	2 CO	63	63 *	70 *	72 *		
FMIN	SCLFIX	4AXMIN	4 CO	6	7	7	34	35	36
FMIN	SCLFIX	4AXMIN	36	37					
FPLOT	PPLOT		1						
FPLOT	SCALIT		105 SN						
FRONY	CONPLT		31 SN						
FRONY	FRONY		1						
FROVAL	PRONY		66 SN						
FROVAL	PROVAL		1						
FSI	CONTUR		5 TY	94 *	114 *	137 10	147 SA		
FSIDEG		THSI	3 CO	55 10	56 10				
FSIDEG	CONTUR	THSI	3 CO	37 10	72 10	77 10	93 10	84	
FSIDEG	CURVET	THSI	3 CO	24 10	34 10				
FSIDEG	CBIL	THSI	2 CO	12 10	13 10	21 10	29 10		
FSIDEG	DTFDTA	THSI	2 CO	19 10					
FSIDEG	DTFITM	THSI	2 CO	47 10					
FSIDEG	DTFNFO	THSI	2 CO	33 10					
FSIDEG	FSET	THSI	2 CO	22 10					
FSIDEG	MOVBLK	THSI	2 CO	12 10	14 10	29 10	34 10		
FSIDEG	PRONY	THSI	2 CO	13 10	15 10	32 10	45 10		
FSIDEG	SCALIT	THSI	4 CO	10 10	57 10				
FSIMH1	CONTUR		96 *	106	109	112			
FSIMH1	FSET		44 *	75	78	81			
FSIMH2	CONTUR		97 *	106	112				
FSIMH2	FSET		45 *	75	81				
FSIS	FSET		61	72	73				
FSIS	FSET		45	47	48	48	49	50	50
FSIS	FSET		6 TY	34 *	35 *	42	43	43	44
FSITH1	FSET		49 *	63	66	69			
FSITH2	FSET		50 *	63	69				
FSIIST	CONTUR		80 *	96	95	95	96	97	133
FSIIST	CONTUR		104						
FY			79 TY	92 TY					
G	HANM		2 TY	14 *	15				
G1	CURVET		88 *	99					
G2	CURVET		89 *	100					
H	ALLMAT		125	126	133	133	134		
H	ALLMAT		36	44	46	47	115 *	119	120
H	ALLMAT		1 TY	23 *	24	25	28	30	34
H	CNTPLT		36 *	41	49	78	79		
H	CONPLT		3						

TABLE 11. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
E	EXPON		75	80	81	87	100 *	101 *	136
E	EXPON		6 TY	8 TY	71 *	72 *	74 *	74	75 *
E	EXPON		164	169					
E	EXPON		136	138	138	140	147	149	164 *
E	EXPON		115 *	116 *	121	132 *	132	133 *	133
E	VSKIP4		6 *	8	9 *	9	11 *	11	13
EADIN	CNTPLT		8 TY	9	41	78			
EADISK	CNTPLT		3 *	49					
EADTCL	CNTPLT		7 TY	78					
EANGE	CNTPLT		25 SN						
EANGE	RANGE		1						
EATIO	CNTPLT		8 TY	34					
EATIO	CURVET		99 *	102 IO					
EHEAD		LHEAD	3 EQ	4 EQ	4 EQ	4 EQ	4 EQ	4 EQ	4 EQ
EHEAD		LHEAD	2 CO	4 EQ	4 EQ	4 EQ	4 EQ	4 EQ	4 EQ
EHEAD		LHEAD	5 EQ	5 EQ	5 EQ	5 EQ	5 EQ		
EHEAD		LHEAD	4 EQ	4 EQ	4 EQ	4 EQ	4 EQ	4 EQ	4 EQ
EHEAD	HEADS	LHEAD	2 CO	6 IO					
ELOAD	CONTUR		5 TY	113 *	119 *	120 *	121 *	140 IO	147 SA
ENEW	MOVBLK		3 TY	85 *	86 *	86	87	88	
ENU	RANGE		52 *	56 *	56	62			
ENV	RANGE		53 *	59 *	59	63			
EOLD	MOVBLK		8 TY	22 *	87	88 *			
EPM	EXPON		1	137					
EPM	PRUNY		41 *	42 *	64 SA				
E21	ALLMAT		9 TY	24 *	27	35	37	38	41
E31	ALLMAT		56	119 *	141	142	142	143	
E31	ALLMAT		42	44	49	50	50	51	53
E32	ALLMAT		136	140	145				
E32	ALLMAT		2 TY	25 *	45	51	54	55	120 *
EX	CNTPLT		35 *	36	37				
EXK		THS1	3 CO	55 IO	56 IO				
EXK	CONTUR	THS1	2 CO	37 IO	54	72 IO	77 IO	83 IO	
EXK	CURVET	THS1	2 CO	24 IO	34 IO				
EXK	COIL	THS1	2 CO	12 IO	13 IO	21 IO	29 IO		
EXK	DTFDTA	THS1	2 CO	19 IO					
EXK	DTFITM	THS1	2 CO	47 IO					
EXK	DTFNFO	THS1	2 CO	33 IO	107				
EXK	FSET	THS1	2 CO	22 IO					
EXK	MOVBLK	THS1	2 CO	12 IO	14 IO	29 IO	34 IO		
EXK	PRUNY	THS1	2 CO	13 IO	15 IO	32 IO	45 IO		
EXK	SCALIT	THS1	3 CO	30 IO	57 IO				
EXKIN	CNTPLT		1	4 TY	9	51	57	57	57
EXKIN	CONTUR		5 TY	54 *	143 IO	147 SA			
ES	CNTPLT		49 *	51	57				
ET	EXPON		135 *	136					
ET	EXPON		105	136 *	106	117 *	120	121 *	121
ET	EXPON		8 TY	77 *	85	86	87 *	87	102 *
ETD	EXPON		11 TY	13 TY	135				
ETH	HEDING		22 TY	23 TY	245				
ETRTTL	DTFNFO		5 TY	9 TY	96	97			
E			93 TY	102 TY	110 TY	111 TY	112 TY	124 TY	128 TY
E			145 TY	155 TY	156 TY	157 TY			
E			129 TY	130 TY	136 TY	137 TY	138 TY	143 TY	144 TY
E			21 TY						
E			32 TY	33 TY	34 TY	35 TY			
E			94 TY	144 TY					
E	ALLMAT	YNORP	11 EQ						
E	ALLMAT	YNORP	11 EQ	11 EQ	11 EQ	11 EQ	11 EQ	11 EQ	11 EQ
E	ALLMAT	YNORP	2 CO	4 TY	11 EQ	11 EQ	11 EQ	11 EQ	11 EQ
E	EXPON	YNORP	105 *	120 *	125 SA				
E	EXPON	YNORP	3 CO	5 TY	9 EQ	32 *	36 SA	85 *	86 *
E	HASH		2 TY	10 *	14	15 *	15	27	
E	MOVBLK	WRKCOM	3 CO	9 TY	39 *	56	57 *	57	69
EC	SCLFIX		6 *	7 *	8	8 *	9	11	15
SCALE	PLOTER		4 SN	5 SN					
SCALIT	CONPLT		7 SN						
SCALIT	PRUNY		74 SN						
SCALIT	SCALIT		1						
SCK	SCLFIX		23 *	26	26	27	27	28	
SCK	SCLFIX		9 *	13	13	15 *	17	18 *	22
SCL	SCLFIX		43	43	43 *	46 *			
SCL	SCLFIX		25 *	26 *	27 *	31	41	42 *	42
SCLFIX	SCALIT		47 SN	54 SN					
SCLFIX	SCLFIX		1						
SCLTTL	DTFNFO		5 TY	9 TY	110 IO	111 IO			
SCI	PRUNY		19 IO	72					
SE			22 TY	24 TY					
SEC			23 TY						
SEC	DTFITM		4 TY	6 TY	119	120			

TABLE 11. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
SHIFT	ALLMAT		5 TY	6 TY	11 EQ	17 *	79	81	98 *
SHIFT	ALLMAT		154	155	156				
SHIFT	ALLMAT		104	105	105	108 *	108	108	111
SHIFT	ALLMAT		99 *	100	100 *	100	102	102	134
SI	EXPUN		5 TY	80 *	88	89			
SI	MOVBLK		8 TY	52 *	56	57			
SIG	ALLMAT		6 TY	12	12	12	124 *	129	138
SIG	DLLSQ		44	45	48 *	48	51	53	55
SIG	DLLSQ		3 TY	22 *	23	41 *	43 *	43	44 *
SIG	MOVBLK		93 *	98	99 IO				
SIGN	RANGE		91						
SIGI	MOVBLK		97 *	98 *	99 IO				
SIN	CURVET		37	122	124	125			
SIN	PROVAL		11						
SINC	SCLPER		31 *	32	32				
SIN1	CURVET		124 *	129					
SIN2	CURVET		122 *	123	126				
SIN3	CURVET		125 *	127					
SNDT	PROVAL		11 *	19	20				
SNGL	EXPCN		175						
SNI	PROVAL		3 TY	9 *	16	19	20	21 *	
SNTP	PROVAL		3 TY	19 *	21				
SQRT	CNTPLT		36						
SQRT	FSFT		101						
ST	MOVBLK		80 *	82	82	83	84	85	
STAR	CNTPLT		3 TY	77	78	82			
STARS			8 TY	37	48				
STOP			91						
STP	EXPCN		144	146					
STP	EXPCN		3 TY	79 *	86	88	89	90 *	134 *
ST2	MOVBLK		81 *	82	84	85			
SUM	ALLMAT		65	66	116 *	117	118		
SUM	ALLMAT		7 TY	11 EQ	28 *	29	31	62 *	65 *
SUM	CALC81		58	54	54	59	60	61	69 *
SUM	CALC81		6 TY	40 *	46	46	47	47	48
SUM	CALC81		69	71	72	73	74	78 SA	
SUMDIF	PROVAL		3 TY	36 *	38 *	38	40		
SUM1	CALC81		59 *	66	67				
SUM1	CURVET	TIMPTS	68	69	71				
SUM1	CURVET	TIMPTS	4 CO	5 TY	16 *	48 *	48	62	63
SUM2	CALC81		60 *	66	68				
SUM2	CURVET	TIMPTS	4 CO	5 TY	17 *	49 *	49	62	69
SUM3	CALC81		61 *	67	68				
SUM3	CURVET	TIMPTS	4 CO	5 TY	18 *	50 *	50	63	69
SUM4	CURVET	TIMPTS	4 CO	5 TY	19 *	51 *	51	69	71
SV	MOVBLK		84	85					
SY	MOVBLK		6 TY	63 *	73 *	73	77 *	77	83
SYMBOL	CALC81		26 SN	28 SN	57 SN	101 SN	104 SN	106 SN	
SYMBOL	CNTPLT		2 TY	6 TY	66	91 IC			
SYMBOL	PLOTER		3 SN	9 SN	11 SN				
SYT	MOVBLK		8 TY	61 *	74 *	74	78 *	78	83
SYT	MOVBLK		84	85					
SYY	MOVBLK		8 TY	59 *	72 *	72	76 *	76	85
S1	CURVET	TIMPTS	4 CO	5 TY	28 *	39 *	39	54	56
S1	CURVET	TIMPTS	62	68	69				
S1	HARM		2 TY	7 *	14	15			
S2	CURVET	TIMPTS	4 CO	5 TY	29 *	40 *	40	55	56
S2	CURVET	TIMPTS	63	68	69				
S3	CURVET	TIMPTS	4 CO	5 TY	30 *	41 *	41	54	69
S4	CURVET	TIMPTS	4 CO	5 TY	31 *	42 *	42	55	69
S5	CURVET	TIMPTS	4 CO	5 TY	32 *	43 *	43	56	69
T		THS1	3 CO	55 IO	56 IO	58	65	72	
T	CUNPLT		4						
T	CONTUR	THS1	93 IO						
T	CONTUR	THS1	2 CO	37 IO	44	44	72 IO	73	77 IO
T	CURVFT	THS1	2 CO	24 IO	26	34 IO	35	36	
T	C81L	THS1	2 CO	12 IO	13 IO	21 IO	22	27	28
T	C91L	THS1	29 IO						
T	DTFDTA	THS1	2 CO	19 IO	26				
T	DTFITM	THS1	2 CO	47 IO					
T	DTFNFO	THS1	2 CO	33 IO					
T	FSFT	THS1	2 CO	22 IO	23	24	25	26	31
T	FSFT	THS1	33	41	84				
T	MOVBLK	THS1	31	34 IO	108 IO				
T	MOVBLK	THS1	2 CO	12 IO	13	14 IO	15	29 IO	30
T	PRCNY	THS1	34	45 IO	48	58			
T	PRUNY	THS1	2 CO	13 IO	14	15 IO	16	32 IO	33
T	SCALIT	THS1	4 CO	30 IO	31	57 IC	58		
T	VSRTHM		77	78					
T	VSPTPN		31	33	34 *	46	48	70 *	72

TABLE 11. CONTINUED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
T	VSRTPM		14 *	16	18	19 *	24	26	27 *
T3	FSFT		84 *	88 *	89	91			
TC	FSFT		31 *	89					
TEMP	ALLMAT		46	49 *	50 *	53	52 *	52	51
TEMP	ALLMAT		5 TY	11 EQ	37 *	39	41 *	43	44 *
TEMP	ALLMAT		154	156	156				
TEMP	ALLMAT		93 *	94	129 *	131	137 *	139	153 *
TEND	CBIL		7 *	8 *	28				
THETA	CNTPLT		83	58	76				
THETA	CNTPLT		38 *	39	39 *	39	40	40 *	43
TIM	CALC81	INPLOT	2 CO	13	81	87 SA	92 SA	97 SA	
TIM	PPLOT	INPLOT	2 CO	57 10					
TIM	SCALLT	INPLOT	2 CO	48 *	49 *	58 *			
TIMEND	MOVBLK		31 *	99 10					
TIMEND	PRONY		58 *	63 10					
TIMEST	MOVBLK		31 *	50	99 10				
TIMEST	PRONY		34 *	53 10					
TIMHIS	MOVBLK	TOPLOT	4 CO	32 *	35 *	67			
TIMHIS	PRONY	TOPLOT	4 CO	37 *	51 *	66 SA			
TIMUD	DTIMAP		13 SN						
TITL1	PLOTER		1	2 TY	7 SA				
TITL2	PLOTER		1	2 TY	6 SA				
TMANU	DTFITM		4 TY	6 TY	112	113	114	115	
TMAX	MOVBLK		30 *	91					
TN	FSFT		91 *	92					
TOL	DLLSQ		1 TY	23 *	46				
TOLF	RANGE		2 TY	4 TY	55	58	71		
TOP	DTFNPO		5 TY	9 TY	110 10	111 10			
TS	FSFT		33 *	41	84	89			
TSTART	CONTUR		18 *	41 *	44	44 *	73	130 SA	145 SA
TSTART	CURVET		26 *	59 10					
TSTART	CBIL		5 *	6 *	27				
TSTART	HEADS		1	4 10					
TSTART	MOVBLK		17 10	30	138 10				
TSTART	PRONY		19 10	24	33	70			
TSTART	SCALLT		27 *	31					
TSTOP	PRONY		19 10	24	44	71			
TT	VSRTPM		39 *	41					
TTL	PLOTER		1	2 TY	8 SA				
TTL11	CURVLT		9 TY	10 EQ	73 10				
TTL12	CURVET		9 TY	10 EQ	73 10				
T=UPI	CURVET		13 *	27					
T=UPI	MOVBLK		9 TY	9 TY	42	98			
T=UPIL	MOVBLK		9 TY	42 *	51				
TYPDTA			7 TY	10 TY	80	81			
T30	CNTPLT		76 *	77	77				
U	RANGE		30	30	55	57			
U	RANGE		3 TY	16 *	18	20	20	26 *	28
UAVG	RANGE		39	55	62 *	64			
UAVG	RANGE		6 *	18 *	18	28 *	28	35 *	35
UMAX	RANGE		8 *	20	20 *	30	30 *	38	
UVAVG	RANGE		39 *	40					
UVMAX	RANGE		38 *	40					
U0	HARM		2 TY	21 *	23				
U1	HARM		2 TY	19 *	21	22	23 *	26	27
U2	HARM		2 TY	18 *	21	22 *	26		
V	MOVBLK		73	74	82 *	83	84		
V	MOVBLK		4 TY	51 *	52	53	71 *	72	72
V	RANGE		3 TY	17 *	19	21	21	27 *	29
V	RANGE		31	31	58	60			
VAL	CNTPLT		28 *	29	87				
VALUEL	CNTPLT		86 *	91 10	97 10				
VALUES	CNTDTA		4 TY	5 CO	6 TY	23 *	26 *	29 10	
VALUES	CNTPLT		29 *	86	87 *	87	91 10	94 10	
VAR	RANGE		64 *	71					
VAVG	RANGE		7 *	19 *	19	29 *	29	36 *	36
VAVG	RANGE		39	58	63 *	64			
VMAX	RANGE		7 *	21	21 *	31	31 *	38	
VSRTPM	EXPON		184 SN						
VSRTPM	VSRTPM		1						
W	RANGE		48 *	49	91	26 *	97	98	
WKORP	DTFNPO		5 TY	95 *	96 *	97 *	99 *	113 10	111 10
WOT1	CURVET		58 SN	76 SN	107 SN				
WOT1	DTIMAP		5 SN						
WOT1	MOVBLK		10 SA						
WOT1	PPLOT		10 SN						
WOT1	PRONY		11 SN	18 SN					
WOT1	WOT1		1						
X	CNTPLT		34 *	35	38				
X	CURVET	TIMPTS	4 CO	5 TY	37 *	39	41	41	43

TABLE 11. CONCLUDED.

VAR	SUB	COMMON	STATEMENT NUMBERS						
A	CURVET	TIMPTS	49						
A	DLLSQ		1	2 TY	3 TY	95 *	113	116 *	116
A	DLLSQ		117 *						
A	PLOTER		1	2 TY	4 SA	7 SA	7 SA	13 SA	
A	RANGE		1	2 TY	14	16	17	24	26
A	RANGL		27	46	73				
ACEN	CNTPLT		8 TY	34					
ACOS	ALLMAT		6 TY	11 EQ	121 *	123	130	137	
AIPSN	CALC81		25 *	27 SA					
AK1	CURVET		126 *	127	128				
AK2	CURVET		127 *	129					
AK3	CURVET		128 *	130					
ALENG	CALC81		23 SA						
A_ENG	CALC81		12 *	15 *	15	16 SA	17 SA	18 SA	19
AMAX	RANGE		1	80 *	83	83 *	92	94	99 *
AMIN	RANGE		1	81 *	84	84 *	86	87	90
AMIN	RANGE		91 *	91	92	92	92 *	94	99
AMOD	DTFITM		4 TY	6 TY	69 *	123 IO	124 IO	127 *	
A4OV	CALC81		6 TY	8 TY	49	52	78 SA		
ANM	CALC81		19 *	20 *	20	21 SA			
ANMS	CALC81		13 *	20	21 SA	22 *	22		
ARN	RANGE		67 *	72 *	72	74	77	78	
ASIN	ALLMAT		6 TY	11 EQ	122 *	124	130	137	146
AVALUE	DTFDTA		4 TY	5 EQ	33 IO				
AVV	CALC81		49 *	52 *	57 SA				
AX	SCLFIX		33 *	34 *	35	38			
B	CNTPLT		32 *	35	38				
B	CURVET	TIMPTS	50						
B	CURVET	TIMPTS	4 CO	5 TY	38 *	40	42	42	43
B	EXPON		170 *	175 *	187 IO				
B	EXPON		124	148 *	150 *	154 *	155 *	156 *	168 *
B	EXPON		1	2 TY	22	25 *	25	32	35
B	PLOTER		1	2 TY	5 SA	6 SA	6 SA	13 SA	
B	PROVAL		1	2 TY	38				
B	RANGE		2 TY	46 *	75 *	80	81	83	83
B	RANGE		84	84					
BBAR	EXPON		8 TY	23 *	22 *	22	23 *	23	25
BCEN	CNTPLT		8 TY	32					
BCON	PROVAL		40 *	42					
BFIT	PRONY	TOPLOT	8 CO	66 SA					
BFIT	PROVAL		38	42 *	42				
BFIT	PROVAL		1	2 TY	5 *	17 *	17	31 *	31
BFIT	SCALIT	TOPLOT	10 CO	68					
BIK	MOVBLK		67 *	68	69				
BIK	PROVAL		16 *	17					
BIM	MOVBLK		8 TY	65 *	69 *	69	70	70	
BINT	MOVBLK		84 *	85	85	85			
BLENG	CALC81		30 *	32 *	32	33 SA	34 SA	35 SA	36 SA
BLOC	CALC81		63 *	70	71	72	73		
BMOV	CALC81		70 *	71 *	72 *	73 *	74 *	74	78 SA
BRE	MOVBLK		8 TY	64 *	68 *	68	70	70	
BVV	CALC81		45 *	53 *	55 *	57 SA			
BY	CALC81		99 *	101 SA	134 SA	105	107 *	107	
BY	PRONY		9 TY	35 *	56 *	64 SA	66 SA	66 SA	66 SA
BY	PRONY		66 SA						
BYI	CALC81		105 *	106 SA					
C	EXPON		7 TY	14	14				
CERO	DTFNFO		9 TY	110 IO	111 IO				
CETA	EXPON		140 *	142 *	143 *	143	153		

TABLE 12. AGAP80 DICTIONARY.

AGAP80 DICTIONARY

A	(59) FUSELAGE F+M; EQUIV TO FIRST 59 VARIABLE IN COMMON MANAL	#MISC
A	(59) PART OF THE 2723 VARIABLES SAVED FROM TIME HISTORY	SAVTHS
AHSVCT	(38,18,3) MAGN OF EIGENVECTORS (MODE SHAPES) (RTS,DOF,NORM)	*STBD
ACM	(7,9,22) CARTA DATA TABLES FOR BUNS CM	*FORCMC
ACOFF	(20,2) AERODYNAMIC CENTER OFFSET FOR ROTORS 1 AND2	*STARAD
ADDT	ANGULAR ACCELERATION IN TENNIS RACKET MOMENT EXPRESSION	*ANDOIT
ADT	THETA DOT FROM CYCLIC	*ANDOIT
AERCON	DRAG RISE COEFFICIENT (DEFAULT = 1.9/RAD)	CLCD
AGUST	(13) GUST VELOCITY AT CG, STAB, SURF,, STORES, AND WING (FXD)	GUST
AGUSTR	GUST VELOCITY AT ROTOR HUB (FIXED REFERENCE SYSTEM)	RGUST
AGW	NOT REFERENCED	*STRIMA
AIB	(2) INERTIA PER ROTOR BLADE	*MANAL
AIBP	(2) BASELINE F/A ROTOR MOMENT WHEN STAB CALLED DURING MANU	*STARAN
AIBR	(2) BASELINE LAT ROTOR MOMENT WHEN STAB CALLED DURING MANU	*STARAN
AIR1	0.5*BAIB(1): 0.5*(# OF BLADES)*(INERTIA PER BLADE); M/R	*STBD
AIR2	0.5*BAIB(2): 0.5*(# OF BLADES)*(INERTIA PER BLADE); T/R	*STBD
AL	LIFT CURVE SLOPE (1/RAD)	*STARAN
ALAMDA	ANGLE OF YAWED FLOW ON BLADE SEGMENT; LIMITED TO < 60 DEG	*STARAN
ALB	ANGLE OF ATTACK FOR BREAKPOINT IN CL CURVE; =ALPH14 + 5 DEG	#MISC
ALD	ANGLE OF ATTACK (AMG) IN DEGREES	*ANDOIT
ALF	ANGLE OF ATTACK OF BLADE SECTION OR AERO SURF; -PI<ALF<PI	*ANDOIT
ALFDOT	RATE OF CHANGE OF BLADE SEGMENT ANGLE OF ATTACK (ALPHA-DOT)	*STARAN
ALFSTB	(4) ANGLE OF ATTACK OF STABILIZING SURFACE	*STRIMA
ALI	INDUCED ANGLE OF ATTACK	CLCD
ALIN1	(10) ANGLE BETWEEN CHORD LINE AND ZERO LIFT LINE FOR BLD SEG	*STARAN
ALIN2	(10) COEF OF MACH NUMBER IN EQUN FOR ZLL ANGLE WRT CHORD LINE	*STARAN
ALIN3	(10) COEF OF (MACH NUMBER)**2 IN EQN FOR ZLL ANGLE WRT CHORD	*STARAN
ALIN4	(10) COEF OF (MACH NUMBER)**3 IN EQN FOR ZLL ANGLE WRT CHORD	*STARAN
ALLWG	ANGLE OF ATTACK OF LEFT WING PANEL	*MANAL
ALOADD	BLADE SEGMENTAL DRAG FORCE (LB)	RADIAL
ALOADL	BLADE SEGMENTAL LIFT FORCE (LB)	RADIAL
ALOADP	BLADE SEGMENTAL PITCHING MOMENT (FT-LB)	RADIAL
ALPH14	STALL ANGLE	*ANDOIT
ALRWG	ANGLE OF ATTACK OF RIGHT WING PANEL	*MANAL
ALSTBZ	(5) LIFT CURVE SLOPE OF AERODYNAMIC SURFACES (5=WING)	*STRIAB
ALSZLL	(5) INPUT ZERO LIFT LINE ANGLE (CONTROLS AT 50%; NO BRKPTS)	*STARAN
ALT	ALTITUDE OF CG ABOVE GROUND LEVEL	*STARAN
ALTD	DENSITY ALTITUDE	*STARAN
ALTP	PRESSURE ALTITUDE	*STARAN
ALWG	WING ANGLE OF ATTACK (AVERAGE OF LEFT AND RIGHT PANELS)	*STARAN
AMG	ANGLE OF ATTACK IN "CLCD" AND "CDCL"; 0 < AMG < PI/2 FOR EQNS	#MISC
AMGD	ANGLE OF ATTACK USED IN DATA TABLE INTERPOLATION	*ANDOIT
ANGD	ANGLE OF ATTACK USED IN DATA TABLE INTERPOLATION	*ANDOIT
ANGFLP	(6) FLAP ANGLE (CSDEFL) PLUS INCR. FROM CONTROL POS.& J-CARDS	*STRIMA
ANGLS	ANGLE BTWN WING WAKE C.L. AND LINE FROM WING T.E. TO STAB CP	STBZFM
ANGS	DOWNWASH ANGLE AT STABILIZER DUE TO WING	STBZFM
ANGZLL	(6) ZLL ANGLE (ALSZLL) PLUS INCR. FROM CONTROL POS.& J-CARDS	*STRIMA
AOR	(2) =((HUB EXTENT)/RADIUS)**2	*STARAN
AP	NOT REFERENCED	*MANAL
APCH	HIGH ANGLE IN PHASING FUSELAGE AERO EQNS TOGETHER	*STARAN
APCL	LOW ANGLE IN PHASING FUSELAGE AERO EQNS TOGETHER	*STARAN
APD	PITCH RATE (APE-DOT): BODY AXIS	*MANAL
APDD	PITCH ACCELERATION (APE-DOUBLE-DOT): BODY AXIS	*MANAL
APDDD	RATE OF CHANGE OF PITCH ACCEL (APE-TRIPLE-DOT): BODY AXIS	DERIV
APDM	MAST PITCH RATE	*ANDOIT
APDS	PITCH RATE IN SHAFT AXIS (INCL PYLON&MAST TILT) TIMES RADIUS	*ANDOIT
APE	EULER PITCH ANGLE	*MANAL
APEP	CLIMB ANGLE	*STRIMA
APWG	ANGLE BTWN BODY X-AXIS AND WING ZERO LIFT LINE (AVERAGE)	*STARAN
ARD	FUSELAGE ROLL RATE	*MANAL
ARDD	FUSELAGE ROLL ACCELERATION	*MANAL
ARDM	MAST ROLL RATE	*ANDOIT
ARDS	ROLL RATE IN SHAFT AXIS (INCLUDING PYLON) TIMES RADIUS	*ANDOIT
ARE	EULER ROLL ANGLE	*MANAL
ARFAC	ASPECT RATIO FACTOR IN CL-ALPHA CALC FOR AERO SURFACES	CLCD
ARYMCK	(38,38) ARRAY OF M-C-K MATRICES INPUT TO ALLMAT (COMPLEX)	*STBMCK
AVECT	MAGNITUDE OF THETA EIGENVECTOR FOR A ROOT IN STAB	ALSTAB
AVB	HCU*ALDOT; FACTOR USED IN UNSTEADY AERO CALCULATIONS	*ANDOIT
AY	SIDESLIP ANGLE = ATAN2(-VYB,VXB)	*STRIMA
AYD	FUSELAGE YAW RATE	*MANAL
AYDD	FUSELAGE YAW ACCELERATION	*MANAL
AYE	EULER YAW ANGLE	*MANAL
AYEFP	SIDESLIP INDICATOR	*STRIAB
AYFP	HEADING ANGLE	*STAMAN
AY1	SIDESLIP ANGLE FROM PREVIOUS TIME POINT DURING MANEUVER	*STAMAN
AZ	AZIMUTH ANGLE FOR ROTOR BLADE	INIT
AZLTAR	(2) AZ	*MANAL
A1	F/A FLAPPING	*ANDOIT
A1HAL	(2) A1 SAVED DURING STABILITY ANALYSIS	*STARAN
A1D	F/A FLAPPING RATE	*ANDOIT
A1M	MAIN ROTOR F/A FLAPPING ANGLE	*MANAL
A1MD	MAIN ROTOR F/A FLAPPING RATE	*MANAL
A1T	TAIL ROTOR F/A FLAPPING ANGLE	*MANAL
A1TD	TAIL ROTOR F/A FLAPPING RATE	*MANAL

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TABLE 12. Continued.

B	(2) NUMBER OF BLADES (FOR FLOATING POINT CALCULATIONS)	*MANAL
BAIB	(2) NUMBER OF BLADES TIMES INERTIA PER BLADE (B*AIB)	*STARAN
BAP	HCU**2*ALDDOT; FACTOR USED IN UNSTEADY AERO CALCULATIONS	*ANDDIT
BB	TIP LOSS FACTOR (1.0 = NO LOSS)	VIND
BBCGOF	(20,2) BLADE BEAM-WISE CG OFFSET DISTRIBUTION, FEET (TIP=1)	*STARAN
BCCGOF	(20,2) BLADE CHORD-WISE CG OFFSET DISTRIBUTION, FEET (TIP=1)	*STARAN
BDOTRS	TIP SPEED FROM FLAPPING VELOCITY AT HUB	*ANDDIT
BETAB	ANGLE BTWN BLADE SEGMENT AND HUB PLANE = "FLAPPING ANGLE"	*ANDDIT
BETAH	HUB FLAPPING ANGLE = BETA1 + PRECONE	RADDUT
BETAK	(2) FLAPPING SPRING RATE	*MANAL
BETAX	(2) FLAPPING STOP LOCATION	*MANAL
BETAXK	(2) FLAPPING STOP SPRING RATE	*STARAN
BETAZ	(2) PRECONE ANGLE	*MANAL
BETAZD	(2) RATE OF CHANGE OF PRECONE.	*MANAL
BETA1	"FLAPPING ANGLE" OF BLADE SEGMENT #1 (0 TO 5% R); SEE "BETAH"	#MISC
BLCG	BUTTLINE OF CG (FEET); ALSO SEE "CGBL"	*INSTAR
BLCGX	(4) BUTTLINE OF CG OF EXTERNAL STORE (INCHES)	*STRIMA
BLDMSS	(2) TOTAL MASS OF EACH BLADE (SLUGS)	*STARAN
BLOAD	(4,3,42) BLADE LOAD OUTPUT DATA	*STRIAB
BMASS	(20,2) MASS OF EACH BLADE SEGMENT (SLUGS)	*STARAD
BMAXAZ	(21,3) AZIMUTH FOR EACH BMOMAX IN TIME-VARIANT TRIM	*BLOADS
BMINAZ	(21,3) AZIMUTH FOR EACH BMOMIN IN TIME-VARIANT TRIM	*BLOADS
BMOMAX	(21,3) BLADE BEAM, CHORD & TOR MAX MOMENTS IN TIME-VARI TRIM	*BLOADS
BMOMIN	(21,3) BLADE BEAM, CHORD & TOR MIN MOMENTS IN TIME-VARI TRIM	*BLOADS
BMS	(21,3,12) BLADE MODE SHAPES (STA,COMPONENT,ROTOR & MODE #)	*FLEX
BNPSI	(2): BNPSIR(N)*HNPSIR(N)=.025*RHO*R*NB/NPSI	*MANAL
BNPSIR	(2): (NUMBER OF BLADES)/(NUMBER OF AZMUTH LOCATIONS)	*MANAL
BOTTOM	MIN VALUE OF COLLECTIVE PITCH AS A FUNCTION OF F/A MAST TILT	*STRIMA
BOUNCE	(2) *** DEFINED IN "ZERO" BUT NEVER USED ***	*STARAN
BTASTB	(4) SIDESLIP ANGLE AT THE I-TH STABILIZING SURFACE	*STRIMA
BTBL	BTASTB(I) CORRECTED FOR THE SIGN OF THE BUTTLINE OF THE STAB	*ANDDIT
BVECT	MAGNITUDE OF PHI EIGENVECTOR FOR A ROOT IN STAB	ALSTAB
BWMS	RECIPROCAL OF HUB-WEIGHT MASS TIMES 12 (1/SLUGS)	JFBGIN
BWTC	HUB-WEIGHT DAMPER MULTIPLIED BY "BWMS"	*STAMAN
BWTK	HUB-WEIGHT SPRING MULTIPLIED BY "BWMS"	*STAMAN
BWTM	HUB-WEIGHT EFFECTIVITY COEFFICIENT	*STAMAN
B1	LATERAL FLAPPING	*ANDDIT
B1BAL	(2) B1 SAVED DURING STABILITY ANALYSIS	*STARAN
B1D	LAT FLAPPING RATE	*ANDDIT
B1M	MAIN ROTOR LAT FLAPPING ANGLE	*MANAL
B1MD	MAIN ROTOR LAT FLAPPING RATE	*MANAL
CAPCH	COS(APCH)=COSINE OF HIGH PHASING ANGLE IN FUS AERO EQNS	*STARAN
CAPCL	COS(APCL)=COSINE OF LOW PHASING ANGLE IN FUS AERO EQNS	*STARAN
CBBM	(20,11,2) COEFFICIENT OF BEAM BENDING MOMENT	*FLEX
CBETA	COSINE OF BETAB ("FLAPPING ANGLE") PLUS PRECONE	*ANDDIT
CBETAZ	(2) COS (BETAZ).	MANAL
CBZ	COSINE OF PRECONE ANGLE: =CBETAZ(N)=COS(BETAZ(N))	*ANDDIT
CCBM	(20,11,2) COEFFICIENT OF CHORD BENDING MOMENT	*FLEX
CD	DRAG COEFFICIENT	*ANDDIT
CDHB	(2) DRAG COEFFICIENT FOR HUB	*STARAD
CDLWG	DRAG COEFFICIENT FOR LEFT WING PANEL	*MANAL
CDMX	MAXIMUM NON-DIVERGENT DRAG IN "CLCD" AND "CDCL"	*ANDDIT
CDR	RADIAL DRAG COEF FOR BLADE SEGMENT FOR UNSAN OPTION	*STARAN
CDREF	REFERENCE VALUE OF CD IN UNSAN OPTION	*STARAN
CDRWG	DRAG COEFFICIENT FOR RIGHT WING PANEL	*MANAL
CDSTB	(4) DRAG COEFFICIENT FOR STABILIZING SURFACE	*STARAN
CDWG	WING DRAG COEFFICIENT (AVERAGE OF LEFT AND RIGHT PANELS)	*STARAN
CDZ	DRAG COEFFICIENT AT ZERO ANGLE OF ATTACK	*ANDDIT
CD1	DRAG COEFFICIENT VARIATION WITH ANGLE OF ATTACK	*ANDDIT
CD2	DRAG COEFFICIENT VARIATION WITH ANGLE OF ATTACK SQUARED	*ANDDIT
CGBL	BUTTLINE OF CG (INCHES); ALSO SEE "BLCG"	*STAMAN
CGSTA	STATIONLINE OF CG (INCHES); ALSO SEE "STACG"	*STRIMA
CGWL	WATERLINE OF CG (INCHES); ALSO SEE "WLCG"	*STRIMA
CHDSTB	(5) MEAN AERODYNAMIC CHORD OF AERODYNAMIC SURFACES (5-WING)	*STARAN
CHORD	(21,2) BLADE CHORD DISTRIBUTION, TIP TO ROOT (FEET)	*STARAD
CL	LIFT COEFFICIENT	*ANDDIT
CLAMDA	COS(ALAMDA) = COSINE OF YAW FLOW ANGLE ON BLADE SEGMENT	*ANDDIT
CLBCL	WING MOMENT DERIVATIVE: SEE XWG(34) IN USER'S GUIDE	*STARAN
CLBQ	WING MOMENT DERIVATIVE: SEE XWG(33) IN USER'S GUIDE	*STARAN
CLLWG	LIFT COEFFICIENT FOR LEFT WING PANEL	*MANAL
CLOCK	CONTROL LOCK FOR M/R COLLECTIVE PITCH (0=UNLOCKED)	*STRIMA
CLP	WING MOMENT DERIVATIVE: SEE XWG(36) IN USER'S GUIDE	*STARAN
CLR	WING MOMENT DERIVATIVE: SEE XWG(35) IN USER'S GUIDE	*STARAN
CLRADK	(2) SWITCH FOR UNSTEADY AERO (>0 FOR UNSAN; <0 FOR HUNS)	*STARAD
CLREF	REFERENCE VALUE OF CL IN UNSAN OPTION	*STARAN
CLRWG	LIFT COEFFICIENT FOR RIGHT WING PANEL	*MANAL
CLSTB	(4) LIFT COEFFICIENT FOR STABILIZING SURFACE	*STARAN
CLZ	MAXIMUM LIFT COEFFICIENT AT ZERO MACH NUMBER	*ANDDIT
CM	PITCHING MOMENT COEFFICIENT	*ANDDIT
CMLWG	PITCHING MOMENT COEFFICIENT FOR LEFT WING PANEL	*STARAN
CMRWG	PITCHING MOMENT COEFFICIENT FOR RIGHT WING PANEL	*STARAN
CMSTB	(4) PITCHING MOMENT COEFFICIENT FOR STABILIZING SURFACE	*STARAN

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TABLE 12. Continued.

CNBCL	WING MOMENT DERIVATIVE: SEE XWG(38) IN USER'S GUIDE	*STARAN
CNBO	WING MOMENT DERIVATIVE: SEE XWG(37) IN USER'S GUIDE	*STARAN
CNPCD1	WING MOMENT DERIVATIVE: SEE XWG(42) IN USER'S GUIDE	*STARAN
CNPCL	WING MOMENT DERIVATIVE: SEE XWG(41) IN USER'S GUIDE	*STARAN
CNPSI	(16,2) COSIN*(PSI+PSIY)) OF BLADE L FOR WAKE TABLE	*FORWK
CNRCL	WING MOMENT DERIVATIVE: SEE XWG(40) IN USER'S GUIDE	*STARAN
CNRCL	WING MOMENT DERIVATIVE: SEE XWG(39) IN USER'S GUIDE	*STARAN
CNTGRP	(56) CONTROLS GROUP OF OUTPUT DATA FOR TRIM & MANU PAGES	*STAMAN
COEFDG	(2,5) COEFTS FOR CHANGE IN CD OF AERO SURF WITH FLAP DEFLECT	*STARAN
COEFDW	(3,5) COEFTS FOR DOWNWASH AT AERO SURFACE DUE TO FUSELAGE	*STARAN
COEFLT	(2,5) COEFTS FOR CHANGE IN CL OF AERO SURF WITH FLAP DEFLECT	*STARAN
COEFPT	(2,5) COEFTS FOR CHANGE IN CM OF AERO SURF WITH FLAP DEFLECT	*STARAN
COEFSW	(2,5) COEFTS FOR SIDEWASH AT AERO SURFACE DUE TO FUSELAGE	*STARAN
COEFXL	(2,5) COEFTS FOR CHANGE IN CL-MAX OF AERO SURF WITH FLAP DEFL	*STARAN
COLSTK	COLLECTIVE STICK POSITION	*MANAL
COND1	SWITCH FOR PRINTOUT OF TRIM ITERATION DATA	*STARAN
COND2	SWITCH FOR PRINTOUT OF BLADE ELEMENT DATA	*STARAN
COND3	SWITCH FOR PRINTOUT OF OPTIONAL TRIM PAGE	*STRIAB
CORIOL	(11) INTERMEDIATE VARIABLE (RELATED TO CORIOLIS ACCEL.).	*ANDOIT
COSDIH	(5) COSINE OF AERODYNAMIC SURFACE DIHEDRAL ANGLE	*STARAN
COSDWS	(5) COSINE OF DOWNWASH ANGLE AT AERO SURFACE DUE TO FUSELAGE	*STARAN
COSGAM	(2) COSINE OF TIP SWEEP ANGLE	*STARAD
COSIY	COS(PSI+PSIY): TOTAL BLADE AZIMUTH ANGLE W.R.T. WIND VECTOR	AZMINT
COSSWS	(5) COSINE OF SIDEWASH ANGLE AT AERO SURFACE DUE TO FUSELAGE	*STARAN
CPCYBG	COS (WEAPON ELEVATION ANGLE) * COS (WEAPON AZMUTH ANGLE).	*STAMAN
CPITCH	(4) PITCH ANGLE FOR CONTROL AT 0%	*STRIMA
CPLL	(11,2) COEFFICIENTS OF PITCH LINK LOAD	*STARAN
CPSI	COS(PSI): INNER LOOP STORAGE FOR CPSIL(L,N)	*ANDOIT
CPSIB	(2) COS(TWOPI / B)	*STARAN
CPSIL	(12,2) COS(PSI) FOR EACH BLADE L	*MANAL
CPSIY	COS(PSIY)	*STARAN
CPSQ	COSIY**2	AZMINT
CPSYBG	COS (WEAPON ELEVATION ANGLE) * SIN (WEAPON AZMUTH ANGLE).	*STAMAN
CRANGE	(4) LINKAGE BTWN PILOT CONTROL AND INTERMED CNTRL ANG (RAD/%)	*STRIMA
CRLN19	COEF FOR LINKING LAT CYC TO COLL PITCH AS A FCN OF MAST TILT	*STAMAN
CSDEFL	(5) CONTROL SURFACE (FLAP) DEFLECTION	*STARAN
CSH	(11,2) COEFFICIENT OF HORIZONTAL SHEAR	*STARAN
CSHG	(11,2) COEFFICIENT OF INPLANE SHEAR	*STARAN
CSHU	(11,2) COEFFICIENT OF INPLANE SHEAR	*STARAN
CSTO	(20,11,2) COEFFICIENT OF TORSIONAL MOMENT WITH RADIUS	*STRIMA
CSV	(11,2) COEFFICIENT OF VERTICAL SHEAR	*STARAN
CSVO	(11,2) COEFFICIENT OF VERTICAL SHEAR	*STARAN
CT	"THRUST" COEF. = T/(2*PI*RHO*R**2); NOTE: 2 & NO TIP SPEED	*STARAN
CURVED	(1100,10) TABLES FOR DRAG COEFFICIENTS	*ATABCD
CURVLL	(500,10) TABLES FOR LIFT COEFFICIENTS	*ATABCL
CURVPM	(575,10) TABLES FOR PITCHING MOMENT COEFFICIENTS	*ATABCM
CVFAC	(11) INTERMEDIATE VARIABLE (RELATED TO VIRTURAL WORK)	*ANDOIT
CWGZLL	COSINE OF WING ZERO LIFT LINE INCIDENCE ANGLE	*STARAN
CYCOLL	(11,2) MODE SWITCHES.	*STARAD
CYSKID	RATE OF CHANGE OF FORE AND AFT CYCLIC STICK.	*STAMAN
CYSKLD	RATE OF CHANGE OF LATERAL CYCLIC STICK.	*STAMAN
CYSTK1	F/A CYCLIC STICK POSITION	*MANAL
CYSTK2	LATERAL CYCLIC STICK POSITION	*MANAL
CZFT	COSINE OF ROTOR 1 F/A MAST TILT ANGLE	*MANAL
DALFST	CHANGE IN THE STALL ANGLE FROM HYSTERSIS.	*ANDOIT
DAMP	MAX VALUE FOR USE OF VARIABLE DAMPER FOR FUSELAGE F*M BALANCE	*STRIAB
DAMPLL	(2) LEAD-LAG DAMPER	*STARAN
DAMPM	(11,2) DAMPING FACTORS	*STARAN
DAMPMW	(2) ZETA * INPUT STRUCTURAL DAMPING IN MAST WIND UP.	*STARAN
DAMPT	(11) MAX VALUES FOR USE IN VARIABLE DAMPER IN QS TRIM	*STRIAB
DAPC	DIFFERENCE BETWEEN HIGH AND LOW PHASING ANGLES = APCH-APCL	*STARAN
DHEF	(2) PITCH CHANGE AXIS LOCATION (0 = 25% C; UNITS = .5*C)	*STARAD
DHEF1	(2) PITCH CHANGE AXIS LOCATION (0 = 75% C; UNITS = .25*C)	*STARAN
DHLCG	LATERAL DISTANCE C.G. HAS MOVED	*STAMAN
DCAFR	(2) COEFFICIENT IN TIP VORTEX MODEL	*STARAN
DCAFRK	DCAFR * XK	*ANDOIT
DCDFP	INCREMENT TO AERO SURFACE DRAG COEF DUE TO FLAP DEFLECTION	*ANDOIT
DCL	INCREMENT TO LIFT COEFFICIENT DUE TO UNSTEADY AERODYNAMICS	*ANDOIT
DCLFP	INCREMENT TO AERO SURFACE LIFT COEF DUE TO FLAP DEFLECTION	*ANDOIT
DCLXFP	INCREMENT TO MAX LIFT COEF OF AERO SURFACE DUE TO FLAP DEFLCT	*ANDOIT
DCM	INCREMENT TO PITCHING MOMENT COEF DUE TO UNSTEADY AERO	*ANDOIT
DCMFP	INCREMENT TO AERO SURFACE PITCHING MOMENT COEF DUE TO FLAP	*ANDOIT
DFLAC	(2) SHIFT IN AERODYNAMIC CENTER AT TIP CAUSED BY SWEEP	*STARAD
DFLJT	(4) JET CONTROL LINKAGE (LB1%)	*STRIMA
DELTA3	(2) TANGENT OF PITCH-FLAP COUPLING ANGLE	*STARAN
DELT2	DELTA TIME FOR RUNGE-KUTTA	*MANAL
DELT2R	1. / DELT2.	*MANAL
DEPD	(11) DELTA TO TRIM VARIABLE FOR PDM COMP; = EPD*LPDX(I)	*STRIAB
DEPLOY	(4) DEPLOYMENT OF DRAG BRAKE	*STRIMA
DESFNM	(11) DESIRED F&M FOR DEPENDENT VARIABLES IN TRIM	*STRIAB

TABLE 12. Continued.

DFSFNM	(6) INCREMENTS TO FUSELAGE F+M FOR FUSELAGE AERO TABLES	*FTAB1
DFSPCH	(6) INCREMENTS TO FUSELAGE PITCH FOR AERODYNAMIC TABLES	*FTAB1
DFSYAW	(6) INCREMENTS TO FUSELAGE YAW FOR AERODYNAMIC TABLES	*FTAB1
DIS	DIST FROM WING WAKE TO STAB CP (PERP. TO WING WAKE)	STBZFM
DIST	DISTANCE FROM ORIGIN TO CG IN GROUND X-Y PLANE	*STRIMA
DIXIZ	IX - IZ: DIFFERENCE BTWN TOTAL ROLL AND YAW INERTIAS	*STRIMA
DIYIX	IY - IX: DIFFERENCE BTWN TOTAL PITCH AND ROLL INERTIAS	*STRIMA
DIZIY	IZ - IY: DIFFERENCE BTWN TOTAL YAW AND PITCH INERTIAS	*STRIMA
DL	INERTIAL CONTRIBUTION TO ROLLING MOMENT	*STRIAB
DM	INERTIAL CONTRIBUTION TO PICTCHING MOMENT	*STRIAB
DMS20	(11,2) OUT-OF-PLANE MODE SHAPE AT 5% MINUS THAT AT 0% (HUB)	*STARAN
DN	INERTIAL CONTRIBUTION TO YAWING MOMENT	*STRIAB
DNSRTO	DENSITY RATIO	*STARAN
DPF	(12,11,2) DEPENDENT PARTICIPATION FACTOR (BLADE,MODE,ROTOR)	*FLEX
DPFD	(12,11,2) FIRST TIME DERIVATIVE OF DPF (DPF-DOT)	*FLEX
DPFDD	(12,11,2) SECOND TIME DERIVATIVE OF DPF (DPF-DOUBLE-DOT)	*FLEX
DPIX	IX / (IX*IZ - IXZ**2)	*STAMAN
DPIXZ	IXZ / (IX*IZ - IXZ**2)	*STAMAN
DPIZ	IZ / (IX*IZ - IXZ**2)	*STAMAN
DPLD	(11) PRECONE EFFECTS IN VERTICAL SHEAR	*ANDOIT
DPSI	(12,2) CHANGE IN PSI BETWEEN AZIMUTH POSITIONS	*MANAL
DQDCOL	D TORQUE / D COLLECTIVE FROM TRIM SECTION.	*STRIAB
DQL	.5 TIMES ROLLING MOMENT DUE ANGULAR RATES + SIDESLIP AT WING	*STARAN
DQN	0.5 TIMES YAWING MOMENT DUE ANGULAR RATES + SIDESLIP AT WING	*STARAN
DRR	(20,2) BLADE SEGMENTAL LENGTHS, FEET (TIP=1)	*MANAL
DROT	(105,2) XMW AND XTW COMBINED INTO ONE ARRAY	*INSTAR
DSTACG	FORE AND AFT DISTANCE C.G. HAS MOVE BECAUSE OF MAST TILT.	*STAMAN
DSTCGT	FORE AND AFT DISTANCE C.G. HAS MOVE BECAUSE OF FOLD AFT.	*STAMAN
DSTCGT	FORE AND AFT DISTANCE C.G. HAS MOVED BECAUSE OF HORIZ. FOLD	*STAMAN
DTHWT	CHANGE IN COLLECTIVE PITCH DUE TO BOBWEIGHT	*STAMAN
DTHETC	(3) OLD VALUES OF DTHT.	*STAMAN
DTR	DEGREES TO RADIAN CONVERSION = 0.0174532925	*MANAL
DTRR	RADIAN TO DEGREES CONVERSION = 57.2957795	*MANAL
DTRRP	(5) FACTOR FOR CONVERTING FUSELAGE AERO INPUT TO "PER RADIAN"	FUSINT
DTRRSQ	DTRR * DTRR = 3282.80635	*INSTAR
DTRR1	DTRR/R(1)	*STAMAN
DTRR2	DTRR/R(2)	*STAMAN
DTZMT	NOT REFERENCED	*STRIMA
DT1	INCREMENT TO F/A CYCLIC DUE TO FLAT TRACKER **NOT USED****	*STRIMA
DT2	INCREMENT TO LAT CYCLIC DUE TO FLAT TRACKER ****NOT USED****	*STRIMA
DWGST	DIST FROM WING T.E. TO STAB CP NORMALIZED BY WING M.A.C.	STBZFM
DWLCG	VERTICAL DISTANCE C.G. HAS MOVED	*STAMAN
DX	*INERTIAL CONTRIBUTION TO X-FORCE*	*STRIAB
DXWGST	X-DISTANCE FROM WING T.E. TO STABILIZER CP	STBZFM
DY	INERTIAL CONTRIBUTION TO Y-FORCE	*STRIAB
DZ	INERTIAL CONTRIBUTION TO Z-FORCE	*STRIAB
DZWGST	Z-DISTANCE FROM WING T.E. TO STABILIZER CP	STBZFM
E	(135) BASELINE VALUES FOR FORCES AND MOMENTS	*STBD
EACC	(3) ELASTIC ACCELERATION OF BLADE SEGMENT (1=DP,2=IP,3=TORS)	RADBGN
EDISP	(3) ELASTIC DISPLACEMENT OF BLADE SEGMENT (1=DP,2=IP,3=TORS)	*ANDOIT
EIG	(38) CURRENT EIGENVALUES FROM STAB (COMPLEX)	*STBMCK
EIGN	(38,4) ALL EIGENVALUES FROM STAB (COMPLEX)	*STBD
ENGRPM	ENGINE RPM, NOT REFERENCED	*STRIAB
EPCOS	(2,11,2) FOURIER COEFFICIENTS OF DPF IN TRIM	*STARAN
EPCOSS	(2,11,2) SAVED EPCOS BEFORE PDM CALCULATION IN OST AND STAB	*STRIAB
EPCS	(9,40) FOURIER COEFFICIENTS OF BLADE LOADS IN TIME-VARI TRIM	*BLOADS
EPD	(11) BASIC INCR FOR TRIM AND CONTROL PARTIAL DERIV. MATRICES	*STRIAB
EPDD	INCREMENT FOR COMPUTING ROTOR PARTIAL DERIVATIVES IN MHAL	*ANDOIT
EPDD	(22) INCREMENTS TO DEGREES OF FREEDOM IN STAB	STAB
EPDS	INPUT FOR STABILITY ANALYSIS INCREMENT (=XIT(4)/10.)	*STRIAB
EPDX	(11) ARRAY FOR PUTTING APPROPRIATE UNITS ON EPD	*STRIMA
EPSIN	(2,11,2) FOURIER COEFFICIENTS OF DPF IN TRIM	*STARAN
EPSINS	(2,11,2) SAVED EPSIN BEFORE PDM CALCULATION IN OST AND STAB	*STRIAB
EPSN	(9,40) FOURIER COEFFICIENTS OF BLADE LOADS IN TIME-VARI TRIM	*BLOADS
ER	(2) ROTOR ALLOWABLE FLAPPING MOMENT ERROR FOR TRIM	*STARAN
ERR	(11) INPUT ALLOWABLE ERRORS OR TRIM FORCES AND MOMENTS	*STRIAB
ERX	(2) MAX VALUE FOR USE OF VARIABLE DAMPER FOR RTR MOM BALANCE	*STARAN
ETAQ	DYNAMIC PRESSURE LOSS AT STAB DUE TO WING (0 = NO LOSS)	*STARAN
ETAQST	(5) DYNAMIC PRESSURE LOSS AT AERODYNAMIC SURF DUE TO FUSELAGE	*STARAN
ETAQXT	(4) DYNAMIC PRESSURE LOSS AT EXTERNAL STORE/AERO BRAKE	*STRIMA
EVEL	(3) ELASTIC VELOCITY OF BLADE SEGMENT (1=DP,2=IP,3=TORS)	RADBGN
EXH	(2) HUB EXTENT (FEET)	*STARAD
EXIT	ERROR INDICATOR: NOT ZERO INDICATES ERROR AND TERMINATES JOB	*TOPLOT
F	(18) FORCE AND MOMENT IMBALANCES	*STRIAB
FATTL	(8) TITLE FOR FUSELAGE AERODYNAMIC DATA TABLES	*FTAB
FINSTR	(18) F&M OF DEPND VAR FOR CALC CONTROL PARTIAL IN STAB	*STRIAB
FLOCK	CONTROL LOCK FOR M/R AND T/R F/A CYCLIC PITCH (0=UNLOCKED)	*STRIMA
FLPDOJ	(5) INCREMENT TO FLAP ANGLE OF AERO SURF DUE TO J-CARD INPUTS	*STAMAN
FLTGRP	(53) FLIGHT CONDITIONS GROUP OF OUTPUT DATA FOR TRIM&MANU PGS	*STAMAN

TABLE 12. Continued.

FOGI	(11,2) 1./(FREQ*GI)**2	*STARAN
FREQ	(11,2) NATURAL FREQUENCY	*ANDOIT
FRG	(49,2,3) FREQ.RESP. W GAIN IN DB AND PHASE ANGLE IN DEGREES	*ASTAB
FRP	(49,3) FREQUENCY RESPONSE OF TRANSFER FUNCTIONS (COMPLEX)	ALSTAB
FRQHZ	(49) FREQUENCY IN HERTZ FOR TRANSFER FUNCTION OUTPUTS IN STAB	*ASTAB
FRQRAD	(49) FREQUENCY IN RAD/SEC FOR TRANSFER FUNC OUTPUTS IN STAB	*ASTAB
FSAERO	(1100,6) SIX FUSELAGE AERODYNAMIC DATA TABLES	*FTAB
FTKTS	FT/SEC TO KNOTS CONVERSION FACTOR = .5925	*STRIMA
FTVT	SWITCH FOR FULLY TIME-VARIANT TRIM (0=OFF,1=ON)	*STRIAB
FUSGRP	(17) BODY AXIS GROUP OF OUTPUT DATA FOR TRIM & MANU PAGES	*STAMAN
FVIND	INDUCED VELOCITY CHANGER LIMITER (FT/SEC)	*STARAN
GAIN	(3) GAIN OF FREQUENCY RESPONSE POLYNOMIAL OF STAB OUTPUTS	*ASTAB
GAMMA	(2) TIP SWEEP ANGLE	*STARAD
GCBPM	(11,2) COFFICIENTS OF BEAM BENDING MOMENTIM	*STARAN
GCCHM	(11,2) COFFICIENTS OF CHORD BENDING MOMENTIM	*STARAM
GEARAT	RATIO OF TAIL ROTOR RPM TO MAIN ROTOR RPM	*STRIMA
GFWD	FORWARD LOAD FACTOR (G-LEVEL)	*MANAL
GI	(6,2) GENERALIZED BLADE INERTIA	*STARAN
GLAT	LATERAL LOAD FACTOR (G-LEVEL)	*MANAL
GMAXV	TOTAL GUST VELOCITY = GMAXV1 + GMAXV2	*MANAL
GMAXV1	FIRST MAXIMUM GUST VELOCITY.	*MANAL
GMAXV2	SECOND MAXIMUM CHANGE IN GUST VELOCITY.	*STAMAN
GMAXV3	INTERMEDIATE VARIABLE = GMAXV1 - START2*RATE2.	*MANAL
GMS	(15,12) BLADE GENERAL MODE SHAPE DATA	*INSTAR
GOV	FLAG ON ENGINE TORSIONAL SYSTEM -NORMALLY = 0	*STAMAN
GPRELD	PRELOAD FOR NOSWEIGHT (IN G'S)	*STAMAN
GPULL	COMMANDED LOAD FACTOR (G-LEVEL) FOR PULL-UP/PUSH-OVER IN TRIM	*STAMAN
GRDGRP	(14) GROUND REFERENCE GROUP OF OUTPUT DATA FOR TRIM&MANU PAGE	*STAMAN
GSTF	VORTEX CIRCULATION DIVIDED BY TWOPI	*STRIMA
GTARGT	TARGET G-LEVEL FOR G-TRACTOR OPTION: CONVERTED TO GTARGT	*STAMAN
GTI	(20,2) GENERALIZED BLADE TORSIONAL INERTIA	*STARAD
GTURN	COMMANDED LOAD FACTOR (G-LEVEL) FOR COORD. TURN IN TRIM	*STAMAN
GUSTYP	INDICATOR FOR TYPE OF GUST = "J" VALUE OF GUST-TYPE	*MANAL
GVERT	VERTICAL LOAD FACTOR (G-LEVEL)	*MANAL
HALFPI	PI/2. = 1.570796327	*MANAL
HASTVT	TIME-VARIANT TRIM INDICATOR (ON=1, OFF=0)	*STRIAB
HCU	0.5*CHORD/U	RADIAL
HDELT	.5 * TDELT	*MANAL
HFADP	(5,12) PYLON HEADINGS IN STAB OUTPUTS	*STBD
HFORCF	(2) ROTOR FORCE // TO SHAFT X-AXIS (+AFT)	*MANAL
HFRC	SUMMATION VARIABLE USED TO COMPUTE H-FORCE	*ANDOIT
HGST#	X-COMPONENT OF GUST AT WING (BODY AXIS)	*STRIMA
HGUST	X-COMPONENT OF GUST VELOCITY AT CG (BODY AXIS)	*STAMAN
HGUSTH	X-COMPONENT OF GUST VELOCITY AT HUB IN SHAFT REFERENCE	*STARAD
HGUSTS	(4) X-COMPONENT OF GUST AT STAB. SURFACES (BODY AXIS)	*MANAL
HGUSTX	(4) X-COMPONENT OF GUST AT EXTERNAL STORES (BODY AXIS)	*MANAL
HL	(2) MAST LENGTH (FROM SHAFT PIVOT POINT TO HUB - FEET)	*STAMAN
HLPYLD	(2) DIST. FROM SHAFT PIVOT TO NACELLE AC (ALONG MAST)	*STAMAN
HNPSIR	(2) NOT REFERENCED	*MANAL
HSHR	(2) FORE AND AFT SHEAR FORCE AT HUB	*MANAL
HSHRN	DOUBLE PRECISION ACCUMULTOR FOR HSHR	*ANDOIT
HTIPSG	(2) 1.-.5*(BLADE TIP SEGMENT), IN FRACTION	*STARAN
HWAKE	HALF WIDTH OF WING WAKE	STBZFM
IBMSAV	(3) INDICES FOR TFVARS IN TRANSFER FUNCTION OUTPUTS IN STAB	*ASTAB
IBRAKE	ROTOR BRAKE SWITCH.	*STAMAN
ICAN	FLAG FOR ROTOR BRAKE	*STAMAN
ICOM	(49) COMMENTS	*TOPLOT
IDOF1	FIRST INDEPENDENT VARIABLE IN A QUASI-STATIC TRIM PASS	*STRIAB
IDOF2	LAST INDEPENDENT VARIABLE IN A QUASI-STATIC TRIM PASS	*STRIAB
IDSTB	INDICATOR FOR AERODYNAMIC SURFACE WAKE TABLE	*FOSWK
IDTAB	(20,2) IDTABS(20,2) CONVERTED TO TIP TO ROOT	*STARAD
IDTABM	(20) DISTRIBUTION OF RAA SUBGROUPS ALONG SPAN OF M/R BLADE	READIN
IDTABS	(20,2) IDTABM AND IDTABT COMBINED INTO ONE ARRAY	*STARAD
IDTABT	(20) DISTRIBUTION OF RAA SUBGROUPS ALONG SPAN OF T/R BLADE	READIN
IND	SWITCH TYPE VARIABLE. USED IN RUNGE-KUTTA INTEGRATION	*MANAL
IPL	(98) PROGRAM LOGIC GROUP INPUTS	*INSTAR
IPLERR	(98) SWITCHES TO INDICATE ERRORS IN PROG LOGIC GROUP INPUTS	ERRCHK
IPL1	=IPL(1); TRIM TYPE INDICATOR (0 THRU 11)	*INSTAR
IPL16	IPL(16); SWITCH FOR READING STABILIZING SURFACE GROUP #1	*INSTAR
IPL17	IPL(17); SWITCH FOR READING STABILIZING SURFACE GROUP #2	*INSTAR
IPL18	IPL(18); SWITCH FOR READING STABILIZING SURFACE GROUP #3	*INSTAR
IPL19	IPL(19); SWITCH FOR READING STABILIZING SURFACE GROUP #4	*INSTAR
IPL8	IPL(8); ELASTOMERIC DAMPER SWITCH	*INSTAR
IPRINT	BLADE ELEMENT AERO DATA PRINT INDICATOR	*ANDOIT
IPSN	IDENTIFICATION (SERIAL) NUMBER USED FOR LABELING TAPES, ETC.	*TOPLOT
IRUNG	CYCLE NUMBER FOR RUNGE-KUTTA INTEGRATION (=1,2,3, OR 4)	*MANAL
ISCASP	SWITCH FOR PITCH SCAS (1 = ON; 0 = OFF)	*STAMAN
ISCASR	SWITCH FOR ROLL SCAS (1 = ON; 0 = OFF)	*STAMAN
ISCASY	SWITCH FOR YAW SCAS (1 = ON; 0 = OFF)	*STAMAN

TABLE 12. Continued.

ISTOP	ROTOR STOP INDICATOR IN MANU	*STAMAN
ISWAKF	(6,2) SEQUENCE NUMBER OF WAKE TABLE TO BE USED (SURF,ROTOR)	*FOSWK
ITC	(2) MAX ITER TO TRIM ROTOR AT FIXED FLAPPING ANGLES	*STARAN
ITM	(2) MAX ITER TO TRIM ROTOR AT FIXED CYCLIC ANGLES	*STARAN
ITORS	EFFECTIVE TORSIONAL INERTIA OF M/R AND T/R COMBINED (REAL)	*STAMAN
IVUSER	SWITCH FOR SPECIFYING STATION FOR BLADE LOADS	*STAMAN
IWG	WING PANEL INDICATOR: 5 = RIGHT PANEL; 6 = LEFT PANEL	*ANDOIT
IX	R/C MOMENT OF INERTIA ABOUT BODY X-AXIS (ROLL)	*STRIMA
IXEXT	(4) MOMENT OF INERTIA OF EXTERNAL STORE ABOUT X-AXIS (ROLL)	*STRIMA
IXZ	R/C CROSSPRODUCT OF INERTIA (IN BODY X-Z PLANE)	*STRIMA
IXZEXT	(4) CROSS-PRODUCT OF INERTIA OF EXTERNAL STORE (X-Z PLANE)	*STRIMA
IY	R/C MOMENT OF INERTIA ABOUT BODY Y-AXIS (PITCH)	*STRIMA
IYEXT	(4) MOMENT OF INERTIA OF EXTERNAL STORE ABOUT Y-AXIX (PITCH)	*STRIMA
IZ	R/C MOMENT OF INERTIA ABOUT BODY Z-AXIS (YAW)	*STRIMA
IZEXT	(4) MOMENT OF INERTIA OF EXTERNAL STORE ABOUT Z-AXIS (YAW)	*STRIMA
JGO	INDICATOR FOR ROTOR AERO CALC; SEE DEF. IN SUB RADIAL	*STARAN
JPASS	INDICATOR FOR TRIM COMP (1=BASELINE;2=PARTIAL DERIVATIVES)	*STARAN
KCIT	(20) VALUE OF J ON J-CARDS 1 THRU 20	*STRIMA
KDMSTB	NOT REFERENCED	*STRIAB
KDOF	(30) INDICATOR FOR DEGREES OF FREEDOM IN STAB (1=ON;0=OFF)	*STBD
KEOF10	FLAG TO INDICATE END OF FILE 10 (INPUT DATA) HAS BEEN REACHED	*TOPLOT
KFLAG	(2) INDICATOR USED IN WAGNER FUNCTION CALCULATIONS	*STARAN
KM	SEQUENCE NUMBER OF INPUT GROUP IN THE "MODEL" OPTION ARRAY	*INSTAR
KM1	NUMBER OF ROWS IN PD EXCLUDING ERROR ROW	*STRIMA
KM2	NUMBER OF COLUMNS IN PD	*STRIMA
KU	INDICATOR FOR INPUT GROUP TO BE READ IN	*INSTAR
KONFIG	CONFIGURATION INDICATOR: 1=SINGLE MR; 2=TANDEM; 3=SIDE-BY-SIDE	*STRIMA
KOUNT	NUMBER OF ROWS IN PD INCLUDING ERROR ROW	ITRIM
KOUNTS	COUNTER FOR PROP ROTOR COLL. GOV ITERATIONS IN STAB	STAB
KPASS	INDICATOR FOR PDM COMP. (0=COMPUTE PDM; 1=DO NOT COMPUTE PDM)	ITRIM
KPD	COUNTER IN SUBROUTINE "SUBA"; *** IN COMMON, BUT NEED NOT BE*	*STAMAN
KPERTS	SUPPRESS F*M PRINTOUT DURING STAB PERTURBATION (0=PRT,1=SUPR)	*STRIAB
KPYL	PYLON DEGREE OF FREEDOM SWITCH IN STABILITY ANALYSIS	*STBD
KREAD	NUMBER OF J-CARDS READ IN (MAXIMUM OF 20)	*STRIMA
KREVPT	NUMBER OF ROTOR REVOLUTIONS TO BE PLOTTED FROM TIME-VARI TRIM	*STRIAB
KRFVXX	NO. ROTOR REVS FOR TV ANAL (=3 FOR FTV BASE;=2 FOR FTV PDM)	*STARAN
KROT	ROTOR DEGREE OF FREEDOM SWITCH IN STABILITY ANALYSIS	*STBD
KTABFS	FUSELAGE AERODYNAMIC INPUTS IN EQS FORM(=0) OR TABLES(=1)	*FTABI
KTCTR	FLAG FOR TIME INCR IN MANU (0=FIRST;1=SECOND;2=FIRST;3=END)	*STAMAN
KTRIM	INDICATOR (0=START OF TRIM;1=OS TRIM;2=TVT OR FTV)	*STRIAB
KVAR	(22) POINTER VECTOR TO VARIABLE IN COMMON FOR PART.DERIV.COMP	*STRIAB
KVIND	(2) NUMBER OF BLADE STATIONS WHERE TIP-VORTEX AFFECTS (TIP=1)	*STARAN
KXD	(11,10) ARRAY TO SPEED UP MACH NO. IN CD INTERPOLATION	*ATAB
KXL	(11,10) ARRAY TO SPEED UP MACH NO. IN CL INTERPOLATION	*ATAB
KXM	(11,10) ARRAY TO SPEED UP MACH NO. IN CM INTERPOLATION	*ATAB
KZD	(41,10) ARRAY TO SPEED UP BRACKETING ALFA IN CD INTERPOLATION	*ATAB
KZL	(41,10) ARRAY TO SPEED UP BRACKETING ALFA IN CL INTERPOLATION	*ATAB
KZM	(41,10) ARRAY TO SPEED UP BRACKETING ALFA IN CM INTERPOLATION	*ATAB
L	FREQUENTLY INDICATES BLADE NUMBER	*MISC
LAMBDA	(2) INFLOW: VZS-VIR (NOT DIVIDED BY TIP SPEED)	*STARAD
LAOC	LOGIC SWITCH IN FUSELAGE AERO CALCULATIONS; NORMALLY = 0	*STARAN
LDOF1	FIRST DEPENDENT VARIABLE IN A QUASI-STATIC TRIM PASS	*STRIAB
LDOF2	LAST DEPENDENT VARIABLE IN A QUASI-STATIC TRIM PASS	*STRIAB
LEXT	TOTAL ROLLING MOMENT ABOUT CG DUE TO EXTERNAL STORES	*MANAL
LEXTJ	TOTAL ROLLING MOMENT DUE TO JETTISON OF EXTERNAL STORES	*MANAL
LFUS	ROLLING MOMENT ABOUT CG DUE TO FUSELAGE AERODYN. (BODY AXIS)	*MANAL
LGUN	ROLLING MOMENT ABOUT CG DUE TO WEAPON (GUN) FORCE (BODY AXIS)	*MANAL
LINK	PORTION OF PROGRAM (1=TRIM; 3=STAB; 4=MANU)	*MANAL
LJTGN	ROLLING MOMENT DUE TO JETS AND GUN (BODY AXIS)	*MANAL
LJTSN	(4) ROLLING MOMENT DUE TO JETTISON OF EACH EXTERNAL STORE	*MANAL
LLJET	ROLLING MOMENT ABOUT CG DUE TO LEFT JET (BODY AXIS)	*MANAL
LLWG	ROLLING MOMENT ABOUT CG DUE TO LEFT WING PANEL (BODY AXIS)	*MANAL
LMR	X-COMPONENT OF MOMENT DUE TO MAIN ROTOR FORCES	*MANAL
LNGTH1	LENGTH OF FIRST RAMP OR BASE OF HUMP FOR SIN**2, GUST.	*MANAL
LOCKFS	=1 TO LOCK OUT FUSELAGE DOF; =0 FUSELAGE HAS 6 DOF'S	*INSTAR
LOGF	LOGIC SWITCH FOR FUSELAGE AERODYNAMICS; NORMALLY = 0	*STARAN
LJSTIP	(2) TIP LOSS FACTOR SWITCH (0=USE EQ; 1=USE INPUT)	*STARAN
LPASS	(3) FREQ OF PDM COMPUTATION IN TRIM (EVERY LPASS-TH ITER)	*STRIAB
LPDS	(1H) PARTIAL DERIVATIVE MATRIX INDICATOR FOR STAB PUNCHOUT	*STBD
LPHORN	(2) PCHORN(N) IN TERMS OF BLADE ITH STATION (TIP=1)	*STARAN
LQMR	ROLLING MOMENT FROM M/R DUE TO PMOM,RMOM,&TORQUE (BODY AXIS)	*MANAL
LQTR	ROLLING MOMENT FROM T/R DUE TO PMOM,RMOM,&TORQUE (BODY AXIS)	*MANAL
LRJET	ROLLING MOMENT ABOUT CG DUE TO RIGHT JET (BODY AXIS)	*MANAL
LRWG	ROLLING MOMENT ABOUT CG DUE TO RIGHT WING PANEL (BODY AXIS)	*MANAL
LSTHZ	TOTAL ROLLING MOMENT ABOUT CG DUE TO STAB SURFACES (BODY AXIS)	*MANAL
LSTZ	(4) ROLLING MOMENTS ABOUT CG FROM STABILIZING SURFACES	*MANAL
LTR	X-COMPONENT OF MOMENT DUE TO TAIL ROTOR FORCES	*MANAL
LVAR	(16) POINTER VECTOR FOR PYLON IN STAB PDM CALCULATION	*STRIAB
LWING	COUNTER FOR # OF TIME WAGNER FUNCTIONS CALLED FOR (ACH PANEL	*STARAN
LXTR	(4) ROLLING MOMENT ABOUT CG DUE TO EACH EXTERNAL STORE	*MANAL

TABLE 12. Continued.

M	FREQUENTLY INDICATES MODE SHAPE NUMBER	#MISC
MASS	MASS OF ROTORCRAFT = W/32.1745	*STRIMA
MAXMOD	SUMMATION OF NUMBERS OF M/R AND T/R BLADE MODE SHAPES	ERRCHK
MDFYMS	SWITCH TO ACTIVATE MODAL INVERSE ANALYSIS IN STAB	*STRIAB
MDFYMS	SWITCH FOR MODAL INVERSE TECHNIQUE; NOT REFERENCED	*STRIAB
MDOF	(2,4) INITIAL VALUES OF IDOF1 & IDOF2 FOR VARIOUS PASSES	*STRIAB
MEXT	TOTAL PITCHING MOMENT ABOUT CG DUE TO EXTERNAL STORES	*MANAL
MEXTJ	TOTAL PITCHING MOMENT DUE TO JETTISON OF EXTERNAL STORES	*MANAL
MFUS	PITCHING MOMENT ABOUT CG DUE TO FUSELAGE AERODYN. (BODY AXIS)	*MANAL
MGUN	PITCHING MOMENT ABOUT CG DUE TO WEAPON (GUN) FORCE (BODY AXIS)	*MANAL
MJTGN	PITCHING MOMENT DUE TO JETS AND GUN (BODY AXIS)	*MANAL
MJTSN	(4) PITCHING MOMENT DUE TO JETTISON OF EACH EXTERNAL STORE	*MANAL
MLJET	PITCHING MOMENT ABOUT CG DUE TO LEFT JET (BODY AXIS)	*MANAL
MLWG	PICTHING MOMENT ABOUT CG DUE TO LEFT WING PANEL (BODY AXIS)	*MANAL
MMR	Y-COMPONENT OF MOMENT DUE TO MAIN ROTOR FORCES	*MANAL
MQMR	PITCHING MOMENT FROM M/R DUE TO PMOM,RMOM,&TORQUE (BODY AXIS)	*MANAL
MQTR	PITCHING MOMENT FROM T/R DUE TO PMOM,RMOM,&TORQUE (BODY AXIS)	*MANAL
MRCP	COMPONENT OF VXSN & VYSN // TO BLADE REF. LINE (+INBOARD)	*ANDOIT
MRJET	PITCHING MOMENT ABOUT CG DUE TO RIGHT JET (BODY AXIS)	*MANAL
MRSP	COMPONENT OF VXSN & VYSN PERP. TO BLADE REF LINE (+FWD)	*ANDOIT
MRWG	PICTHING MOMENT ABOUT CG DUE TO RIGHT WING PANEL (BODY AXIS)	*MANAL
MSAV	(3) INDICES FOR IFSTKS IN TRANSFER FUNCTION OUTPUTS IN STAB	*ASTAB
MSORD	BLADE MODE SHAPES COUNTER; =(N-1)*NMODE(1)+J	#MISC
MSTBZ	TOTAL PITCHING MOMENT ABOUT CG DUE TO STAB SURF (BODY AXIS)	*MANAL
MSTZ	(4) PITCHING MOMENTS ABOUT CG FROM STABILIZING SURFACES	*MANAL
MTR	Y-COMPONENT OF MOMENT DUE TO TAIL ROTOR FORCES	*MANAL
MXATAB	MAX NO. OF AIRFOIL AERODYNAMIC DATA TABLES (=10)	*INSTAB
MXKKTV	INITIALIZED BUT NOT REFERENCED	*STRIAB
MXPASS	(3) MAX VALUE FOR NPASS; NORMALLY = KIT(1)	*STRIAB
MXSTBD	=18 ; MAXIMUM SIZE OF MASS MATRIX IN STAB	*STBD
MXSTBP	=30 ; MAXIMUM NUMBER OF PERTURBATIONS IN STAB	*STBD
MXSTB2	= (MXSTBD+1)*2 = 38; DIMENSION OF ANYMCK	*STBD
MXTR	(4) PITCHING MOMENT ABOUT CG DUE TO EACH EXTERNAL STORE	*MANAL
N	FREQUENTLY INDICATES ROTOR NUMBER (I.E., =1 OR 2)	#MISC
NB	(2) NUMBER OF BLADES (FOR FIXED POINT CALCULATIONS)	*MANAL
NBS	(2) NUMBER OF BLADE SEGMENTS	*MANAL
NBSG	NUMBER OF BLADE SEGMENTS; =NBS(N)	*MANAL
NCNTUR	SWITCH TO STORE CONTOUR PLOT DATA	*STRIAB
NDA	=NDF FOR DENOM OF TRANS. FUNCT (M=1);=NDF+1 FOR NUMERATOR	ALSTAB
NDECK	NOT REFERENCED	*TOPLOT
NDF	NUMBER OF DEGREES OF FREEDOM IN STABILITY ANALYSIS	*STBD
NDFT	ARRAY SIZE FOR MATRIX A INPUT TO ALLMAT FROM ALSTAB (=2*NDA)	ALSTAB
NDIAG	OUTPUT CONTROL FOR STAB DIAGNOSTICS	*STRIAB
NEXT	TOTAL YAWING MOMENT ABOUT CG DUE TO EXTERNAL STORES	*MANAL
NEXTJ	TOTAL YAWING MOMENT DUE TO JETTISON OF EXTERNAL STORES	*MANAL
NFSPCH	(6) NO. OF FUSELAGE PITCH ANGLE ENTRIES IN FLGE AERO TABLES	*ITAB
NFSYAW	(6) NO. OF FUSELAGE YAW ANGLE ENTRIES IN FUSELAGE AERO TABLES	*ITAB
NFUS	YAWING MOMENT ABOUT CG DUE TO FUSELAGE AERODYN. (BODY AXIS)	*MANAL
NGUN	YAWING MOMENT ABOUT CG DUE TO WEAPON (GUN) FORCE (BODY AXIS)	*MANAL
NITRS	NUMBER OF ITERATIONS TAKEN TO REACH QUASI-STATIC TRIM	*STRIAB
NJET	NUMBER OF CONTROLLABLE JETS	*STARAN
NJTGN	YAWING MOMENT DUE TO JETS AND GUN (BODY AXIS)	*MANAL
NJTSN	(4) YAWING MOMENT DUE TO JETTISON OF EACH EXTERNAL STORE	*MANAL
NLJET	YAWING MOMENT ABOUT CG DUE TO LEFT JET	*MANAL
NLWG	YAWING MOMENT ABOUT CG DUE TO LEFT WING PANEL (BODY AXIS)	*MANAL
NMLST	(20) CARD IMAGE (20A4) USED TO CHECK FOR "&CHANGE" CARDS	*INSTAR
NMOD	STORAGE FOR NMODE(N) WITHIN ROTOR ANALYSIS LOOP (ALSO LOCAL)	*ANDOIT
NMODE	(2) NUMBER OF BLADE MODE SHAPES	*MANAL
NMR	Z-COMPONENT OF MOMENT DUE TO MAIN ROTOR FORCES	*MANAL
NOPSI	UNSUBSCRIPTED STORAGE FOR NPSI(N),= # OF ROTOR AZIMUTH ANGLES	*ANDOIT
NOTRIM	TV TRIM AFTER QS TRIM INDICATOR (0=DO TVT; 1= NO TVT)	*STRIAB
NPART	PRIMARY PROGRAM FLOW CONTROL (1=TRIM,2=MANU,7=T+S,10=SWP,ETC)	*TOPLOT
NPASS	ITERATION COUNTER	*STRIAB
NPDM	INDICATE WHICH ONE OF THE THREE NSIZE1(3) IS ACTIVAT	*STRIAB
NPRINT	INDICATOR FOR PRINTING MANEUVER PAGE (EACH NPRINT-TH TIME PT)	*TOPLOT
NPSI	(2) NUMBER OF AZIMUTH LOCATIONS	*MANAL
NQMR	YAWING MOMENT FROM M/R DUE TO PMOM,RMOM,& TORQUE (BODY AXIS)	*MANAL
NQTR	YAWING MOMENT FROM T/R DUE TO PMOM,RMOM,& TORQUE (BODY AXIS)	*MANAL
NQUAS	(2) SWITCH FOR TYPE OF ROTOR ANALYSIS (0 = QS; 1 = TV)	*MANAL
NQUASS	(2) TEMPORARY STORAGE FOR NQUAS	*STRIAB
NRJET	YAWING MOMENT ABOUT CG DUE TO RIGHT JET	*MANAL
NRSTAB	SWITCH FOR PREVENTING ROTOR REBALANCE WHEN NSTABR=0	*STRIAB
NRT	NUMBER OF ROOTS TO STABILITY ANALYSIS	*STBD
NRTT	(4) NO. OF ROOTS FOR STAB TRANSFER FUNCTION OUTPUTS	*ASTAB
NRWG	YAWING MOMENT ABOUT CG DUE TO RIGHT WING PANEL (BODY AXIS)	*MANAL
NSCALE	SCALE FACTOR FOR PLOTS.	*TOPLOT
NSIZE1	(3) SIZES OF SYSTEM IN QS TRIM, E.G., 2X2 OR 11X11	*STRIAB
NSIZE2	(11,2) DOF'S FOR INDP AND DEPD IN QS TRIM	*STRIAB
NSTABF	SWITCH TO COUPLE STAB MATRICES	*STRIAB
NSTABO	OUTPUT CONTROL FOR STAB MATRICES	*STRIAB
NSTABP	SWITCH FOR PYLON DEGREES OF FREEDOM IN STAB (0=OFF)	*STRIAB
NSTABR	SWITCH FOR ROTOR DEGREES OF FREEDOM IN STAB (0=OFF)	*STRIAB

TABLE 12. Continued.

NSTBZ	TOTAL YAWING MOMENT ABOUT CG DUE TO STAB SURFACES (BODY AXIS)	*MANAL
NSTZ	(4) YAWING MOMENTS ABOUT CG FROM STABILIZING SURFACES	*MANAL
NTIME	COUNTER SWITCH FOR PRINTING MANEUVER PAGE (0 = PRINT PAGE)	*TOPLOT
NTR	Z-COMPONENT OF M MENT DUE TO TAIL ROTOR FORCES	*MANAL
NTRIM	NUMBER OF TRI NTS FOR CONTOUR PLOTS	*TOPLOT
NUMSTB	SWITCH TO SELEC UMERATORS BY GROUP IN STAB	*STRIAB
NUMTF	(4,8) INDIVIDUAL SWITCH TO CALCULATE NUMERATORS IN STAB	*STBD
NVARA	SECONDARY PROGRAM FLOW CONTROL (FUNCTION OF VALUE OF "NPART")	*TOPLOT
NVARB	SECONDARY PROGRAM FLOW CONTROL (FUNCTION OF VALUE OF "NPART")	*TOPLOT
NVARC	SECONDARY PROGRAM FLOW CONTROL (FUNCTION OF VALUE OF "NPART")	*TOPLOT
NVARD	SECONDARY PROGRAM FLOW CONTROL (FUNCTION OF VALUE OF "NPART")	*TOPLOT
NVARS	INDICATOR FOR STABILITY ANALYSIS (0=DON'T DO STAB;1=DO STAB)	*TOPLOT
NWAG	INDICATOR- 1=USE WAGNER-BUETTIKER FUNCTION 0=DON'T	*MANAL
NXD	(10) NUMBER OF MACH NUMBER ENTRIES IN THE ROTOR CD TABLE	*ATAB
NXL	(10) NUMBER OF MACH NUMBER ENTRIES IN THE ROTOR CL TABLE	*ATAB
NXM	(10) NUMBER OF MACH NUMBER ENTRIES IN THE ROTOR CM TABLE	*ATAB
NXTR	(4) YAWING MOMENT ABOUT CG DUE TO EACH EXTERNAL STORE	*MANAL
NZD	(10) NUMBER OF ANGLE OF ATTACK ENTRIES IN THE ROTOR CD TABLE	*ATAB
NZL	(10) NUMBER OF ANGLE OF ATTACK ENTRIES IN THE ROTOR CL TABLE	*ATAB
NZM	(10) NUMBER OF ANGLE OF ATTACK ENTRIES IN THE ROTOR CM TABLE	*ATAB
NZRD	NO. OF NON-ZERO-FREQUENCY ROOTS IN THE DENOMINATOR IN STAB	*ASTAB
NZRN	NO. OF NON-ZERO-FREQUENCY ROOTS IN THE NUMERATOR IN STAB	*ASTAB
OLD	(4,2) FLAPPING ANGLES FROM PREVIOUS TIME POINT	*STRIMA
OMEGA	(2) REDUCED ROTOR FREQUENCY FOR UNSAN OPTION	*STARAN
OMEGM	MAIN ROTOR ROTATIONAL SPEED (RAD/SEC)	*STAMAN
OMEGMD	RATE OF CHANGE OF MAIN ROTOR SPEED (TARGET) RAD/SEC**2.	*STAMAN
ONEG	32.1745 FT/SEC**2	*INSTAR
OR	(2) TIP SPEED (FT/SEC)	*MANAL
ORN	TIP SPEED - YAWRATE*RADIUS	*ANDOIT
PAN	(2) PITCH CHANGE AXIS LOCATION (0 = L.E.; UNITS = CHORDS)	*STARAN
PARM	(11,2) PART OF THE 1511 VARIABLES SAVED DURING MANEUVERS	*STAMAN
PCHCN1	(2) INTERMEDIATE VARIABLE FOR PITCH-CONE COUPLING	*STARAN
PCHCN2	(2) INTERMEDIATE VARIABLE FOR PITCH-CONE COUPLING	*STARAN
PCHCON	(2) INTERMEDIATE VARIABLE FOR PITCH-CONE COUPLING	*STARAN
PCHLAG	(2) PITCH-LAG COUPLING RATIO (RAD/DEG)	*STARAN
PCHORN	(2) DISTANCE FROM HUB TO PITCH-HORN ATTACH POINT, FEET	*STARAN
PD	(18,19) PARTIAL DERIVATIVE MATRIX FOR TRIM AND CONTROL POWER	*STRIMA
PDPHI	(11,12) PARTIAL DERIVATIVE MATRIX USED IN "SOLVE"	*STRIMA
PDS	(19,5) CONTROL DERIVATIVES FOR STABILITY ANALYSIS	*STBD
PED	NOT REFERENCED	*STRIMA
PEDAL	PEDAL POSITION	*MANAL
PEDALD	RATE OF PEDAL.	*STAMAN
PHASE	(38,18,3) PHASE ANGLE OF EIGENVECTORS (RTS,DOF,NORMILZ)	*STBD
PHIUND	(2) UNDERSLING OF FEATHERING AXIS BELOW FLAPPING AXIS	*STAMAN
PI	3.1415926536	*MANAL
PILGH1	INTERMEDIATE GUST VARIABLE = PI / LNGTH1.	*MANAL
PILGH2	INTERMEDIATE GUST VARIABLE = PI / LNGTH2.	*MANAL
PIU30	30/PI = 9.54929658	*STAMAN
PMOM	(2) F/A MOMENT TRANSMITTED FROM ROTOR TO SHAFT	*ANDOIT
PMOMN	SUMMATION VARIABLE FOR F/A ROTOR MOMENT; SEE PMOM(N)	*ANDOIT
PWNEXT	(4,2) DOWNWASH FACTOR FOR EACH STORE FROM EACH ROTOR	*STRIMA
PXP	(64) OUTPUT ARRAY FOR OPTIONAL TRIM PAGE	RPTPG
PWSTBZ	(2,5) COEFTS FOR ROTOR DOWNWASH ON AERODYAMIC SURF (RTR,SURF)	*STARAN
PWWING	(2,2) COEFTS FOR ROTOR DOWNWASH ON WING (ROTOR,PANEL)	*STARAN
PSDD	(2) RATE OF CHANGE OF PSID	*MANAL
PSD502	ROTOR ANGULAR SPEED SQUARE * SINE OF PRECONE.	*ANDOIT
PSD30P	M/R RPM (=M/R GEAR RATIO TIMES ENGINE RPM)	*STRIAB
PSD550	PSID(1)*R550 = OMEGM/550.	*STRIMA
PSI	BLADE AZIMUTH ANGLE FOR PRINTOUT IN "AZMOUT": **USED HER DEF*	*ANDOIT
PSID	(2) ROTOR ANGULAR SPEED -PSI DOT=OMEGA	*MANAL
PSID50	PSID5 ** 2.	*ANDOIT
PSIREF	(2) AZIMUTH ANGLE OF BLADE 1 IN ROTOR CALCULATIONS	*MANAL
PSISTP	PSIREF(1) MUST EQUAL PSISTP WHEN ROTORS HAVE BEEN STOPPED.	*STAMAN
PSIY	SIDESLIP ANGLE IN SHAFT X-Y PLANE BTW X-AXIS AND WIND VECTOR	AZMUTH
PWGST5	(4) COEF. FOR DOWNWASH AT STABILIZER AS A FUNCT. OF CL-WING	*STARAN
PWGWK1	COEF. FOR WING WAKE DEFLECTION AS A FUNCT. OF CL-WING	*STARAN
PYLCR0	(10,2) PYLON COUPLING RATIO: COLLECTIVE TO PYLON MOTION	*STARAN
PYLCR1	(10,2) PYLON COUPLING RATIO: F/A CYLIC TO PYLON MOTION	*STARAN
PYLCR2	(10,2) PYLON COUPLING RATIO: LAT CYLIC TO PYLON MOTION	*STARAN
PYLDMP	(10,2) PYLON DAMPER CONSTANT (FT-LB/RAD/SEC)	*STARAN
PYLDRG	(2) ROTOR NACELLE ("PYLON") FLAT PLATE DRAG AREA	*STARAN
PYLMOM	(10,2) MOMENTS ABOUT PYLON FOCAL POINT	*STARAN
PZIDTR	0.0001745329 (CONVERTS DEG/100% TO RAD/%)	*STAMAN
Q	0.5*RHO	*MANAL
QBRAKE	ROTOR BRAKE TORQUE APPLIED.	*STAMAN
QISQA	(20,2) Q TIMES BLADE SEGMENTAL AREAS (TIP=1)	*MANAL
QL	TOTAL ROLL MOMENT (X-COMPONENT - BODY REFERENCE)	*MANAL
QLS	QL FROM PREVIOUS TIME POINT	*STAMAN
QM	TOTAL PITCHING MOMENT (Y-COMPONENT - BODY REFERENCE)	*MANAL
QMAX	MAX. AVAILABLE M/R TORQUE = 500/550 OF INPUT MAXIMUM	*STRIMA
QMR	TORQUE REQUIRED TO MAINTAIN CONSTANT PRM ON MAIN ROTOR	*STRIMA

TABLE 12. Continued.

QMRS	ENGINE TORQUE SUPPLIED - TOTAL	*STRIMA
QMRSA	MAXIMUM ENGINE TORQUE SUPPLIED BY THROTTLE	*STAMAN
QMS	QM FROM PREVIOUS TIME POINT	*STAMAN
QN	TOTAL YAW MOMENT (Z-COMPONENT - BODY REFERENCE)	*MANAL
QNS	QN FROM PREVIOUS TIME POINT	*STAMAN
QQQ	COEFFICIENT FOR CALCULATING ENGINE TORQUE AVAILABLE	*STAMAN
QREACT	M/R TORQUE PLUS INERTIAL TORQUE (MOMENT) DUE TO PSI-DOT	ANAL
QREATT	T/R TORQUE PLUS INERTIAL TORQUE (MOMENT) DUE TO PSI-DOT	ANAL
QSTBZ	(5) 0.5*RHO*(SURFACE AREA) (5=WING)	*STRIMA
QSVI	TORQUE AT TRIM POINT	*STRIAB
QTARGT	TARGET PITCH RATE FOR G-TRACKER OPTION	VARI
QTRIM	LOGICAL VARIABLE (.TRUE.=QS TRIM;.FALSE.=TIME VARIANT TRIM)	*STRIAB
QUAD1	TIME VARIABLE IN MANEUVER	*STAMAN
QXBRAK	MAXIMUM ROTOR BRAKE TORQUE (FT-LB)	*STAMAN
R	(2) ROTOR RADIUS (FEET)	*MANAL
RAERO	(35,10) ROTOR AERO INPUTS (YRR) AFTER INITIALIZED BY YRINIT	*STARAD
RANGE	RANGE OF M/R COLLECTIVE PITCH AS A FUNCTION OF F/A MAST TILT	*STRIMA
RANGES	(4) RANGE OF PILOT CONTROL MOTION (INCHES)	*STRIMA
RATE1	RAMP GUST = GMAXV1/LNGTH1	*MANAL
RATE2	RAMP GUST = GMAXV2/LNGTH2	*MANAL
RC	RATIO OF WEIGHT OF MAIN ROTOR TO AIRCRAFT GROSS WEIGHT	*STAMAN
RCRF	RECIPROCAL OF CORE-SIZE FACTOR FOR VORTEX GUSTS (J=37)	*STRIMA
RCWING	RECIPROCAL OF WING M.A.C. =1./CHDSTB(5)	*STARAN
RD	(19,19) DAMPING MATRIX IN STAB	*STBD
RDELT1	1. / TDELT.	*MANAL
RDELT2	1. / HDELT.	*MANAL
RENTR	RADIUS FROM CENTER OF VORTEX SYSTEM TO ENTRANCE TO SYSTEM	*STRIMA
RENTSQ	RENTR**2	*STRIMA
RETARD	(2) TANGENT OF (DELTA3 ANGLE MINUS PHASING ANGLE)	*STARAN
RGI	(11,2) RECIPROCAL OF GENERALIZED BLADE INERTIA	*STARAN
RHO	AIR DENSITY AT ALTITUDE = 0.002378*DNSRTO	*INSTAR
RHOIXX	(20,2) BEAMWISE INERTIA FOR BLADE SEGMENTS (FT-LB/SEC**2)	*INSTAR
RHOIYY	(20,2) CHORDWISE INERTIA FOR BLADE SEGMENTS (FT-LB/SEC**2)	*INSTAR
RIGID	(2) HUB TYPE INDICATOR (0=TEET. OR GIMB.; 1=RIGID OR ARTIC.)	*MANAL
RIN	RADIUS FROM CENTER OF VORTEX SYSTEM TO POINT IN SYSTEM	*STRIMA
RINSQ	RIN**2	*STRIMA
RITORS	1. / ITORS.	*STAMAN
RIY	1. / IY	*STAMAN
RLNK	(29) SUPPLEMENTAL ROTOR CONTROL LINKAGES	*STAMAN
RM	(19,19) MASS MATRIX IN STAB	*STBD
RMASS	1. / MASS	*STRIMA
RMOM	(2) LAT MOMENT TRANSMITTED FROM ROTOR TO SHAFT	*ANDOIT
RMOMN	SUMMATION VARIABLE FOR LAT ROTOR MOMENT; SEE RMOM(N)	*ANDOIT
RMOMN	DOUBLE PRECISION ACCUMULATOR FOR ROLL MOM. FROM ROTOR TO MAST	*ANDOIT
ROTJ	SIGN CHANGER: = +1. FOR MAIN ROTOR; = -1. FOR TAIL ROTOR	*ANDOIT
RPD	(6,6,2) ROTOR PARTIAL DERIVATIVE MATRIX IN STAB	*STBD
RPIST	FACTOR FOR WING STALL IN WING WAKE MODEL	*STARAN
RP2	(20,2) INTERMEDIATE VARIABLE BETWEEN UNDERSLING AND CORIOLIS	*STARAD
RR	RRK FOR STATION K AND ROTOR N	*ANDOIT
RRK	(20,2) LOCATION OF BLADE STATIONS WRT HUB, TIP TO ROOT (FEET)	*FLEX
RS	(19,19) STIFFNESS MATRIX IN STAB	*STBD
RTRCON	SWITCH FOR READING SUPP. ROTOR CONT. GROUP (0=DON'T READ)	*STAMAN
RTRGRP	(24) ROTOR GROUP OF OUTPUT DATA FOR TRIM & MANU PAGES	*STAMAN
RTRP	(2): 1/(2*PI*RHO*R**2)	*STARAN
RUSER	(2) IVUSER CONVERTED TO INCHES FROM ROTOR HUB	*STAMAN
RW	1. / W	*MANAL
R12	1./12.	*INSTAR
R144	1./144.	*INSTAR
R550	1/550 = .001818181818	*STAMAN
SAMP	(38,3) DAMPING IN LAPLACE TRANSFER FUNCTION IN STAB	*ASTAB
SAPSG	SIN (WEAPON ELEVATION ANGLE)	*STAMAN
SBETA	SINE OF BETAB ("FLAPPING ANGLE") PLUS PRECONE	*ANDOIT
SBETAZ	(2) SIN (BETAZ).	*MANAL
SBRKPT	(4,5) BREAKPOINTS FOR AERO SURFACE CONTROL LINKAGES	*STAMAN
SBZ	SINE OF PRECONE ANGLE: = SBETAZ(N)=SIN(BETAZ(N))	*ANDOIT
SCASPC	(4) COEFFICIENTS FOR FEED-FORWARD LOOP OF PITCH SCAS	*STAMAN
SCASPF	(6) COEFFICIENTS FOR FEED-BACK LOOP OF PITCH SCAS	*STAMAN
SCASRC	(4) COEFFICIENTS FOR FEED-FORWARD LOOP OF ROLL SCAS	*STAMAN
SCASRF	(6) COEFFICIENTS FOR FEED-BACK LOOP OF ROLL SCAS	*STAMAN
SCASYC	(4) COEFFICIENTS FOR FEED-FORWARD LOOP OF YAW SCAS	*STAMAN
SCASYF	(6) COEFFICIENTS FOR FEED-BACK LOOP OF YAW SCAS	*STAMAN
SLCNDA	(68) PART OF THE 1393 VARIABLES SAVED DURING MANEUVERS	INIT
SFTGRP	(26) ROTOR SHAFT GROUP OF OUTPUT DATA FOR MANU PAGE	*STAMAN
SHPGRP	(28) MISC GROUP OF OUTPUT DATA FOR TRIM & MANU PAGES	*STAMAN
SHRD	INTERMEDIATE VARIABLE (RELATED TO BLADE DRAG)	*ANDOIT
SHRIP	(7,2) INPLANE SHEAR FORCE OF EACH BLADE	*MANAL
SHRL	INTERMEDIATE VARIABLE (RELATED TO BLADE LIFT)	*ANDOIT
SHRR	INTERMEDIATE VARIABLE (RELATED TO BLADE RADIAL FORCE)	*ANDOIT
SHRV	(7,2) VERTICAL SHEAR FORCE OF EACH BLADE	*MANAL
SINDIH	(5) SINE OF AERODYNAMIC SURFACE DIHEDRAL ANGLE	*STARAN
SINDWS	(5) SINE OF DOWNWASH ANGLE AT AERO SURF DUE TO FUSELAGE	*STARAN
SINGAM	(2) SINE OF TIP SWEEP ANGLE	*STARAD

TABLE 12. Continued.

SINIY	SIN(PSI+PSIY): TOTAL BLADE AZIMUTH ANGLE W.R.T. WIND VECTOR	AZMINT
SINSWS	(5) SINE OF SIDEWASH ANGLE AT AERO SURFACE DUE TO FUSELAGE	*STARAN
SLNK	(8,5) AERO SURFACE CONTROL LINKAGES (5=WING)	*STAMAN
SLNKMT	(5) COEF FOR RIGGING ZLL INCIDENCE OF AERO SURF TO MAST TILT	*STAMAN
SNPSI	(16,2) SIN(N*(PSI+PSIY)) OF BLADE L FOR WAKE TABLE	*FORWK
SPD	(30,18) STABILITY PARTIAL DERIVATIVE MATRIX	*STBD
SPNSTB	(5) SPAN OF AERODYNAMIC SURFACES	*STARAN
SPSI	SIN(PSI): INNER LOOP STORAGE FOR SPSIL(L,N)	*ANDOIT
SPSIB	(2) SIN(TWOPI / B)	*STARAN
SPSIL	(12,2) SIN(PSI) FOR EACH BLADE L	*MANAL
SPSIY	SIN(PSIY)	*STARAN
SPSQ	SINIY**2	AZMINT
SRLN20	COEF FOR LINKING PEDAL TO COLL PITCH AS A FCN OF F/A MAST TLT	*STAMAN
SRTETQ	SQUARE ROOT OF EFFECTIVE DYNAMIC PRESSURE AT STAB DUE TO WING	STBZFM
SSMM	SUPERSONIC MACH NUMBER	*ANDOIT
STACG	STATIONLINE OF CG (FEET); ALSO SEE "CGSTA"	*INSTAR
STACGX	(4) STATIONLINE OF CG OF EXTERNAL STORE (INCHES)	*STRIMA
STALLW	AVERAGE WING STALL ANGLE	*STARAN
START2	DISTANCE FOR 2ND RAMP OR HUMP FROM END OF 1ST GUST.	*MANAL
STGAIN	(3) STATIC GAIN OF TRANSFER FUNCTION IN STAB	*ASTAB
STICKS	(4) COLSTK, CYSTK1, CYSTK2, AND PEDAL, RESPECTIVELY	JFBGIN
STKS	(4) VALUES OF STICKS FROM PREVIOUS ITERATION OR TIME POINT	*STARAN
STOP2	END DISTANCE FOR 2ND RAMP OR HUMP = START2 + LNGTH2	*MANAL
SVFAC	(11) COEFFICIENT OF ONE GRAVITY TERM IN VWRK EQUATION	*ANDOIT
SWC	(2) SIDEWASH COEF (ALWAYS ZERO FOR ROTOR 1; USED ONLY FOR TR)	*STARAN
SWGZLL	SINE OF WING ZERO LIFT LINE INCIDENCE ANGLE	*STARAN
SWINGH	WING SEMI-SPAN	*STARAN
SWSCOL	(4,2) CONTRIBUTIONS TO COLLECTIVE PITCH (CONTROL,ROTOR)	*STRIMA
SWSFA	(4,2) CONTRIBUTIONS TO F/A CYCLIC PITCH (CONTROL,ROTOR)	*STRIMA
SWSLAT	(4,2) CONTRIBUTIONS TO LAT CYCLIC PITCH (CONTROL,ROTOR)	*STRIMA
SZET	SINE OF ROTOR 1 F/A MAST TILT ANGLE	*MANAL
T	MANEUVER TIME	*MANAL
TAIR	(14) TIMES OR AZIMUTH ANGLES FOR BLADE ELEMENT AERO DATA	*MANAL
TAMB	AMBIENT TEMPERATURE	*STARAN
TANT1	TAN(F&A + RETARD*LAT) = "F&A" CONTRIBUTION TO BLADE PITCH	*ANDOIT
TANT2	TAN(LAT + RETARD*F&A) = "LAT" CONTRIBUTION TO BLADE PITCH	*ANDOIT
TARSPD	TRUE AIRSPEED (FT/SEC)	*STAMAN
TAU	(38,3) TAU IN LAPLACE TRANSFER FUNCTION IN STAB	*ASTAB
TAXL	THRUST OF LEFT JET	*MANAL
TAXR	THRUST OF RIGHT JET	*MANAL
TCD3	BLADE PITCH DUE TO SWASHPLATE ANGLES AND PITCH-FLAP COUPLING	*ANDOIT
TCLOCK	CONTROL LOCK FOR T/R COLLECTIVE PITCH (0=UNLOCKED)	*STRIMA
TDELT	TIME INCREMENT FOR MANEUVER SECTION	*MANAL
TENRAC	"TENNIS RACKET" MOMENT EFFECT	MODAL
TEST	IF .FALSE., INPT GRP FRM DATA LIB; IF .TRUE., FROM CARDS	*INSTAR
TESTM	IF .TRUE., MODEL OPTION FOR DATA READIN IS IN EFFECT	*INSTAR
TFSTKS	(2,5) HEADINGS FOR TRANSFER FUNCTION CONTROL STICKS IN STAB	*ASTAB
TFVARS	(3,9) HEADINGS FOR TRANSFER FUNCTION STATE VARIABLES IN STAB	*ASTAB
THIRDA	(218) PART OF THE 1393 VARIABLES SAVED DURING MANEUVERS	INIT
THRST	SUMMATION VARIABLE USED TO COMPUTE THRUST	*ANDOIT
THRSTS	(2) ROTOR THRUST.	*STARAN
THRUST	(2) ROTOR FORCE // TO SHAFT Z-AXIS (+UP)	*MANAL
TIME	T - 0.05*TDELT USED IN COMPARISONS INSTEAD OF T	*STRIMA
TIPLFT	(2) INTERMEDIATE VALUE FOR BLADE TIP SEGMENT LIFT	*STARAN
TIPLOS	(2) TIP LOSS FACTOR; INPUT OR INTERNALLY CALCULATED FROM EQ	*STARAN
TLBOOM	(4) TAILBOOM BENDING COEFFICIENT (RAD/LB)	*STARAN
TMATBM	(3,3,2) TRANSFORMATION MATRIX: BODY TO MAST (SHAFT) AXIS	*MANAL
TMATFB	(3,3) TRANSFORMATION MATRIX: FIXED TO BODY	*ANDOIT
TMATFM	(3,3) TRANSFORMATION MATRIX: FIXED TO MAST (SHAFT) AXIS	*ANDOIT
TMATJB	(3,3) TRANSFORMATION MATRIX: JET TO BODY AXIS	*STARAN
TMAX	STOP TIME FOR USING CORRESPONDING TIME INCREMENT IN MANEUVER	*MANAL
TMAXS	SAVED INPUT TMAX	*STRIAB
TMRS	PREVIOUS VALUE OF MAIN ROTOR THRUST	*STRIAB
TMRSAV	SAVED VALUE OF THRUST(1).	*STBD
TORQ	SUMMATION VARIABLE USED TO COMPUTE TORQUE	*ANDOIT
TORQQ	(2) ROTOR TORQUE (FT-LB)	*MANAL
TPSIDD	MOMENT FORCING MAST WIND-UP.	*ANDOIT
TRALT	TAIL ROTOR ALTITUDE	*STAMAN
TRIND	T/R INDICATOR: = 0 FOR LAT MAST TILT <45 DEG; =1 IF > 45 DEG	*MANAL
TRMTYP	TYPE OF TRIM (0=OS OR OS-TV; 1=FTV)	*STRIAB
TSTAB	(14) TIMES OR AZMUTH ANGLES FOR STAB IN MANEUVER	*STRIMA
TSVJN	(11) INTERMEDIATE TERM IN ROTOR GYROSCOPICS	*ANDOIT
TTLATB	(8,10) TITLE FOR ALL 10 AIRFOIL DATA TABLES	*ATAB
TTRS	PREVIOUS VALUE OF TAIL ROTOR THRUST	*STRIAB
TTRSAV	SAVED VALUE OF THRUST(2).	*STBD
TWIST	(20,2) DISTRIBUTION OF BUILT-IN BLADE TWIST, TIP TO ROOT; RAD	*MANAL
TWOPI	2*PI = 6.283185307	*MANAL
TZERO	START TIME FOR MANEUVER	*STRIAB
TZM	M/R COLLECTIVE DUE TO CONTROLS (=TZMS OR SWSCOL(1,1),I=1,4)	*STRIMA
TZMS	LOCKED VALUE FOR M/R COLLECTIVE PITCH	*STRIMA
TZROT	TOTAL BLADE PITCH AT ROOT (TZR-TCD3+THFUS+RLAT*PCHLAG)	*ANDOIT
TZR	(2) COLLECTIVE PITCH (=TZM AND TZT, RESPECTIVELY)	*MANAL
TZT	T/R COLLECTIVE DUE TO CONTROLS (=TZTS OR SWSCOL(1,2),I=1,4)	*STRIMA
TZTS	LOCKED VALUE FOR T/R COLLECTIVE PITCH	*STRIMA

TABLE 12. Continued.

T2TW	TZPDT PLUS BUILT-IN AND ELASTIC TWIST AT BLADE SEGMENT	*STARAN
TI	(2) F/A CYCLIC PITCH (=TIM AND TIT, RESPECTIVELY)	*MANAL
TIM	M/R F/A CYCLIC DUE TO CONTROLS (=TIMS OR SWSFA(I,1),I=1,4)	*STRIMA
TIMS	LOCKED VALUE FOR M/R F/A CYCLIC PITCH	*STRIMA
TIT	T/R F/A CYCLIC DUE TO CONTROLS (=TITS OR SWSFA(I,2),I=1,4)	*STRIMA
TITS	LOCKED VALUE FOR T/R F/A CYCLIC PITCH (=TIMS*TKIND)	*STRIMA
T2	(2) LAT CYCLIC PITCH (=T2M AND T2T, RESPECTIVELY)	*MANAL
T2M	M/R LAT CYCLIC DUE TO CONTROLS (=T2MS OR SWSLAT(I,1),I=1,4)	*STRIMA
T2MS	LOCKED VALUE FOR M/R LAT CYCLIC PITCH	*STRIMA
T2T	T/R LAT CYCLIC DUE TO CONTROLS (=T2TS OR SWSLAT(I,2),I=1,4)	*STRIMA
T2TS	LOCKED VALUE FOR T/R LAT CYCLIC PITCH (= -T2MS*TKIND)	*STRIMA
U	VELOCITY IN BLADE X-Z PLANE	*STARAN
UHS	SQUARE OF VELOCITY AT CG IN THE SHAFT REFERENCE X-Y PLANE	*STARAN
UP	PERPENDICULAR (Z) COMPONENT OF VELOCITY AT BLADE SEGMENT	*STARAN
UPGUST	COMPONENT OF GUST VELOCITY IN UP (BLADE REFERENCE)	*STARAD
UQRSGA	U*QRSGA	RADIAL
URGUST	COMPONENT OF GUST VELOCITY IN UR (BLADE REFERENCE)	*STARAD
UT	TANGENTIAL (X) COMPONENT OF VELOCITY AT BLADE SEGMENT	*STARAN
UTGUST	COMPONENT OF GUST VELOCITY IN UT (BLADE REFERENCE)	*STARAD
V	AIRSPEED	*MANAL
VAR	ARRAY OF INDEPENDENT VARIABLES USED IN TRIM+STAB PD MATRICES	*MISC
VARSV	(4) STORAGE FOR BASELINE CONTROL POSITION FOR STAB	*STBD
VCTMAX	MAGNITUDE OF LARGEST EIGENVECTOR FOR A ROOT IN STAB	ALSTAB
VECT	(38) LOCAL STORAGE FOR MAGNITUDE OF EIGENVECTORS	ALSTAB
VECTMX	TEMPORARY STORAGE FOR LARGEST EIGENVECTOR	ALSTAB
VELIND	LOCAL INDUCED VELOCITY ON ROTOR (FT/SEC)	*FORWK
VGSTW	Z-COMPONENT OF GUST VELOCITY AT WING (BODY AXIS)	*STRIMA
VGUST	Z-COMPONENT OF GUST VELOCITY AT CG (BODY AXIS)	*STAMAN
VGUSTR	Z-COMPONENT OF GUST VELOCITY AT HUB IN SHAFT REFERENCE	*STARAD
VGUSTS	(4) X-COMPONENT OF GUST AT STAB. SURFACES (BODY AXIS)	*MANAL
VGUSTX	(4) X-COMPONENT OF GUST AT EXTERNAL STORES (BODY AXIS)	*MANAL
VH	GROUND SPEED (FT/SEC)	*STRIMA
VHS	(2) SQRT(UHS); VELOCITY AT CG IN SHAFT X-Y PLANE	*ANDOIT
VIMRS	SAVED VALUE OF VIR(1)	*STBD
VIR	(2) ROTOR INDUCED VELOCITY	*MANAL
VIRSTB	(2) DOWNWASH VELOCITY AT AERO SURFACE DUE TO ROTOR	*FOSWK
VIR1	INDUCED VELOCITY AT AERO SURFACE DUE TO MAIN (#1) ROTOR	STBZFM
VIR2	INDUCED VELOCITY AT AERO SURFACE DUE TO TAIL (#2) ROTOR	STBZFM
VITRS	SAVED VALUE OF VIR(2)	*STBD
VI2	.5*VROT**2	*ANDOIT
VI4	VI2**2	*ANDOIT
VMAXST	(2,4) VELOCITY AT WHICH STAB SURFACE IS TOTAL WITHIN DOWNWASH	*STARAN
VNTER	(2,4) VELOCITY AT WHICH STAB SURFACE ENTERS DOWNWASH (FT/SEC)	*STARAN
VROT	(2) VELOCITY OF ROTOR HUB	*STARAN
VSHR	(2) VERTICAL SHEAR FORCE AT HUB	*MANAL
VSHRN	DOUBLE PRECISION ACCUMULATOR FOR VERTICAL SHEAR	*ANDOIT
VSND	RECIPROCAL OF SPEED OF SOUND	*STARAD
VWORK	(11) VIRTUAL WORK,INDEPENDENT OF AZIMUTH	*ANDOIT
VWRK	(12,11) VIRTUAL WORK ON EACH BLADE FOR EACH MODE SHAPE	*ANDOIT
VXB	X-VELOCITY AT CG IN BODY AXIS	*MANAL
VXBD	X-ACCELERATION OF CG (BODY AXIS) = VXB-DOT	*MANAL
VXFUS	X-VELOCITY AT FUS DATA REF POINT (INCLUDING GUSTS)	*STAMAN
VXMVNR	(2,4) SLOPE OF ROTOR DOWNWASH CURVE FOR STAB SURF. 1/(FT/SEC)	*STARAN
VXOR	FACTOR IN LOCAL INDUCED VELOCITY CALCULATION	*ANDOIT
VXR	FORWARD VELOCITY OF HUB (BODY AXIS)	*ANDOIT
VXRD	X-ACCELERATION AT ROTOR HUB (BODY AXIS) = VXR-DOT	*ANDOIT
VXS	(2) X-VELOCITY AT HUB IN SHAFT REFERENCE	*MANAL
VXSD	X-ACCELERATION AT ROTOR HUB (SHAFT AXIS) = VXS-DOT	*ANDOIT
VXSN	VXS PLUS PYLON VELOCITY	AZMUTH
VYB	Y-VELOCITY AT CG IN BODY AXIS	*MANAL
VYBD	Y-ACCELERATION OF CG (BODY AXIS) = VYB-DOT	*MANAL
VYFUS	Y-VELOCITY AT FUS DATA REF POINT (INCLUDING GUSTS)	*STAMAN
VYR	LATERAL VELOCITY OF HUB (BODY AXIS)	*ANDOIT
VYRD	Y-ACCELERATION AT ROTOR HUB (BODY AXIS) = VYR-DOT	*ANDOIT
VYS	(2) Y-VELOCITY AT HUB IN SHAFT REFERENCE	*MANAL
VYSD	Y-ACCELERATION AT ROTOR HUB (SHAFT AXIS) = VYS-DOT	*ANDOIT
VYSN	VYS PLUS PYLON VELOCITY	AZMUTH
VZB	Z-VELOCITY AT CG IN BODY AXIS	*MANAL
VZBD	Z-ACCELERATION OF CG (BODY AXIS) = VZB-DOT	*MANAL
VZETAR	(2) RATE OF M/R F/A MAST TILT (LAT & T/R RATES = 0)	*MANAL
VZFUS	Z-VELOCITY AT FUS DATA REF POINT (INCLUDING GUSTS)	*STAMAN
VZR	VERTICAL VELOCITY OF HUB (BODY AXIS)	*ANDOIT
VZRD	Z-ACCELERATION AT ROTOR HUB (BODY AXIS) = VZR-DOT	*ANDOIT
VZS	(2) Z-VELOCITY AT HUB IN SHAFT REFERENCE	*MANAL
VZSD	Z-ACCELERATION AT ROTOR HUB (SHAFT AXIS) = VZS-DOT	SWSHAT
W	GROSS WEIGHT	*MANAL
WEXT	(4) WEIGHT OF EXTERNAL STORE	*STRIMA
WLCG	WATERLINE OF CG (FEET); ALSO SEE "CGWLM"	*INSTAR
WLCGX	(4) WATERLINE OF CG OF EXTERNAL STORE (INCHES)	*STRIMA
WRK	(11) VIRTUAL WORK FROM AIRLOADS	*ANDOIT
WROTOR	WEIGHT OF MAIN ROTOR	*STARAN

TABLE 12. Continued.

X	(11) COMPUTED CORRECTIONS IN TRIM	*STRIMA
XA	SUMMATION VARIABLE FOR F/A AERO MOM ON ROTOR; SEE XMA(N)	ITROT
XALXT	(4) X-ARMS FROM CG TO EXTERNAL STORES (BODY AXIS)	*STRIMA
XAFUS	X-ARM FROM CG TO AERO DATA REF POINT (BODY AXIS)	*MANAL
XAGUN	X-ARM FROM CG TO WEAPON (GUN) (BODY AXIS)	*STAMAN
XAJET	X-ARM FROM CG TO JET (AUX. PROPULSION) (BODY AXIS)	*MANAL
XAPYL	(2) X-ARM FROM SHAFT PIVOT TO ROTOR NACELLE CG (+FWD)	*STAMAN
XAPYLO	(2) X-ARM FROM CG TO AC OF ROTOR NACELLE (BODY AXIS)	*MANAL
XAR	X-ARM FROM CG TO ROTOR HUB (BODY AXIS)	*MANAL
XARSP	(2) X-ARM FROM CG TO SHAFT PIVOT POINT (+FWD)	*STAMAN
XASTHZ	(4) X-ARMS FROM CG TO STABILIZING SURFACES	*MANAL
XASTWG	(4) X-DISTANCE FROM WING CP TO STABILIZING SURFACE CP	*STRIAB
XAWG	X-ARM FROM CG TO WING AERODYNAMIC CENTER (BODY AXIS)	*MANAL
XB	SUMMATION VARIABLE FOR LAT AERO MOM ON ROTOR; SEE XMB(N)	ITROT
XBW	(7) BODY WEIGHT GROUP INPUTS	*INSTAR
XCIT	(20,6) EXCITATIONS FOR MANEUVERS (J-CARD INPUTS)	*STRIMA
XCON	(29) ROTOR CONTROLS GROUP INPUTS (BASIC)	*INSTAR
XCOR1	X-DISTANCE FROM ORIGIN TO FIRST VORTEX CORE (J=37)	*STRIMA
XCOR2	X-DISTANCE FROM ORIGIN TO SECOND VORTEX CORE (J=37)	*STRIMA
XCREF	X-DISTANCE FROM ORIGIN TO MID POINT BTWN VORTICES (J=37)	*STRIMA
XCRT	(49) SUPPLEMENTAL ROTOR CONTROLS SUBGROUP INPUTS	*INSTAR
XCST	(14,5) AERO SURFACE CONTROL INPUTS (5=WING)	*INSTAR
XCSW	(14) WING GROUP INPUTS (CONTROLS)	READIN
XCS1	(14) STABILIZING SURFACE #1 INPUTS (CONTROLS)	READIN
XCS2	(14) STABILIZING SURFACE #2 INPUTS (CONTROLS)	READIN
XCS3	(14) STABILIZING SURFACE #3 INPUTS (CONTROLS)	READIN
XCS4	(14) STABILIZING SURFACE #4 INPUTS (CONTROLS)	READIN
XD	DXWGST MODIFIED FOR WING STALL AT POSITIVE ALPHA-WING	STBZFM
XF	TOTAL X-FORCE (BODY REFERENCE)	*MANAL
XFC	(26) FLIGHT CONSTANT GROUP INPUTS	*INSTAR
XFEXT	TOTAL X-FORCE DUE TO EXTERNAL STORES (BODY AXIS)	*MANAL
XFEXTJ	TOTAL X-FORCE DUE TO JETTISON OF EXTERNAL STORES	*MANAL
XFFUS	X-FORCE AT CG DUE TO FUSELAGE + RTR NACELLE AERO (BODY AXIS)	*MANAL
XFGUN	X-FORCE AT CG DUE TO WEAPON, OR GUN (BODY AXIS)	*MANAL
XFGW	X-FORCE AT CG DUE TO GROSS WEIGHT	*MANAL
XFJTGN	X-FORCE DUE TO JETS AND GUN (BODY AXIS)	*MANAL
XFJTSN	(4) X-FORCE DUE TO JETTISON OF EACH EXTERNAL STORE	*MANAL
XFLJET	X-FORCE DUE TO LEFT JET (BODY AXIS)	*STARAN
XFLWG	X-FORCE AT CG DUE TO LEFT WING PANEL AERODYNAMICS (BODY AXIS)	*MANAL
XFMR	X-FORCE AT CG DUE TO FORCES FROM MAIN ROTOR (BODY AXIS)	*MANAL
XFRJET	X-FORCE DUE TO RIGHT JET (BODY AXIS)	*STARAN
XFRWG	X-FORCE AT CG DUE TO RIGHT WING PANEL AERO (BODY AXIS)	*MANAL
XFS	(35) FUSELAGE BASIC GROUP INPUTS	*STAMAN
XFSMS	(77,2) INPUTS TO CALC ACC AT A SPECIFIED POINT	*INSTAR
XFSTBZ	TOTAL X-FORCE DUE TO STABILIZING SURFACES (BODY AXIS)	*MANAL
XFSTZ	(4) X-FORCES ON STABILIZING SURFACES (BODY AXIS)	*MANAL
XFTR	X-FORCE AT CG DUE TO FORCES FROM TAIL ROTOR (BODY AXIS)	*MANAL
XFXTR	(4) X-FORCE DUE TO EACH EXTERNAL STORE (BODY AXIS)	*MANAL
XGMS	GMS UNDER NAMELIST CHANGES	READIN
XGN	(7) WEAPONS GROUP INPUTS	*INSTAR
XGUST	DISTANCE FROM ORIGIN TO START OF GUST (X-Y GROUND REF PLANE)	*MANAL
XI	DIST FROM WING T.E. TO STAB CP (PARALLEL TO WING WAKE)	STBZFM
XIT	(77) ITERATION LOGIC GROUP INPUTS	*INSTAR
XJET	(14) JET (OR AUXILARY PROPULSION) GROUP INPUTS	*INSTAR
XK	FACTOR PROPORTIONAL TO ADVANCE RATIO IN INDUCED VELOCITY DIST	SWSRAT
XKLAM	FACTOR IN EQN FOR LOCAL INDUCED VELOCITY = 1.3333*XK43*CUSIY	*ANDOIT
XK43	1.33333*XK	*ANDOIT
XLAM	(2) INFLOW RATIO (SHAFT REFERENCE)	*FORWK
XLAMDA	(2) *** SHOULD BE MAX YAWED FLOW ANGLE, BUT IS NOT DEFINED***	*STARAD
XLAMR	INFLOW RATIO FOR INPUT TO TABLE; LAM(1)<XLAMR<LAM(NLAM)	*FORWK
XLG	(14,5) WAS LANDING GEAR GROUP INPUTS, IS NOT USED	*INSTAR
XLIM	MIN/MAX CHANGE OF FLAPPING ANGLES IN ROTOR BALANCE ROUTINE	*ANDOIT
XLIMAX	(2) MAX (STARTING) VALUE FOR FLAP ANGLE CORR LIMIT; =8*XLIMIT	*STARAN
XLIMIN	(2) MINIMUM VALUE FOR FLAPPING ANGLE CORRECTION LIMIT	*STARAN
XLIMIT	(11) CORRECTION LIMIT FOR TRIM ITERATION	*STRIAB
XLIMS	(11) TEMPORARY STORAGE FOR "XLIMIT"	*STRIAB
XLOCK	CONTROL LOCK FOR M/R AND T/R LAT CYCLIC PITCH (0=UNLOCKED)	*STRIMA
XMA	(2) F/A AERO FLAP MOM = VIRTUAL WORK ON RIGID BODY MODE SHAPE	*MANAL
XMAC	MACH NUMBER	*ANDOIT
XMACF	(21) MAIN ROTOR AERODYNAMIC OFFSET INPUTS	READIN
XMB	(2) LAT AERO FLAP MOM = VIRTUAL WORK ON RIGID BODY MODE SHAPE	*MANAL
XMC	(21) MAIN ROTOR CHORD DISTRIBUTION (ROOT TO TIP)	READIN
XMD	SUMMATION VARIABLE FOR SEGMENT DRAG TIMES ITS RADIUS = TORQUE	*ANDOIT
XMIN	(11) MINIMUM VALUE FOR TRIM CORRECTION LIMIT (RADIANS)	*STRIAB
XMOM	(90,21,3) WORK AREA FOR BLADE LOADS IN TIME-VARIANT TRIM	*BLOADS
XMP	(14) MAIN ROTOR DYNAMIC PYLON INPUTS	READIN
XMR	(48) MAIN ROTOR GROUP INPUTS	READIN
XMS20	(2) OUT-OF-PLANE MS @ 5% MINUS THAT AT 0% TIMES 20.0 (MODE 1)	*STARAD
XMT	(21) MAIN ROTOR TWIST DISTRIBUTION (ROOT TO TIP)	READIN
XMU	(2) ADVANCE RATIO (SHAFT REFERENCE)	*FORWK
XMUR	ADVANCE RATIO FOR INPUT TO TABLE; MU(1)<XMUR<MU(NMU)	*FORWK
XMW	(63) MAIN ROTOR BLADE WEIGHT AND INERTIA INPUTS,ROOT TO TIP	READIN
XRK	(20,2) RRK/R(N)	*STARAN
XRMS	(132,12) BLADE MODE SHAPE DATA	*INSTAR

TABLE 12. Continued.

XRR	(162,2) BASIC, CHORD, AC, TWIST & SHAKER INPUTS FOR ROTORS	*INSTAR
XRTR	X-DISTANCE FROM ROTOR HUB TO BLADE SEGMENT (SHAFT AXIS)	*STARAD
XSCAS	(28) STABILITY AND CONTROL AUGMENTATION SYSTEM GROUP INPUTS	*STAMAN
XST	(21,4) EXTERNAL STORES GROUP INPUTS	*STRIMA
XSTAH	(2) X-LOCATION OF ROTOR HUB (GROUND REFERENCE) (FEET)	*MANAL
XSTBZ	(42,5) BASIC AERO SURFACE INPUTS (5=WING)	*INSTAR
XSTB1	(35) STABILIZING SURFACE #1 INPUTS (BASIC)	READIN
XSTB2	(35) STABILIZING SURFACE #2 INPUTS (BASIC)	READIN
XSTB3	(35) STABILIZING SURFACE #3 INPUTS (BASIC)	READIN
XSTB4	(35) STABILIZING SURFACE #4 INPUTS (BASIC)	READIN
XST1	(21) INPUTS FOR STORE/BRAKE #1	READIN
XST2	(21) INPUTS FOR STORE/BRAKE #2	READIN
XST3	(21) INPUTS FOR STORE/BRAKE #3	READIN
XST4	(21) INPUTS FOR STORE/BRAKE #4	READIN
XTACF	(21) TAIL ROTOR AERODYNAMIC OFFSET INPUTS	READIN
XTC	(21) TAIL ROTOR CHORD DISTRIBUTION (ROOT TO TIP)	READIN
XTP	(14) TAIL ROTOR DYNAMIC PYLON INPUTS	READIN
XTR	(48) TAIL ROTOR GROUP INPUTS	READIN
XTT	(21) TAIL ROTOR TWIST DISTRIBUTION (ROOT TO TIP)	READIN
XTW	(63) TAIL ROTOR BLADE WEIGHT AND INERTIA INPUTS, ROOT TO TIP	READIN
XWG	(42) WING GROUP INPUTS (BASIC)	READIN
XX	GROUND REFERENCE X-COMPONENT OF DISTANCE FLOWN	*STAMAN
XXD	X-VELOCITY IN GROUND REFERENCE	*STRIMA
XXP	(140,2) MODAL PYLON INPUTS	*INSTAR
XY	FACTOR IN INDUCED VELOCITY DISTRIBUTION EQN; FUNCTION OF VIR	*ANDOIT
Y	(243,4) VARIABLES INTEGRATED DURING MANEUVERS	*FORY
YAFLE	NOT REFERENCED	*MANAL
YAERO	(35,5) LOCAL NAME FOR YSAERO ARRAY	YSINIT
YAEXT	(4) Y-ARMS FROM CG TO EXTERNAL STORES (BODY AXIS)	*STRIMA
YAFIN	NOT REFERENCED	*MANAL
YAFUS	Y-ARM FROM CG TO AERO DATA REF POINT (BODY AXIS)	*MANAL
YAGUN	Y-ARM FROM CG TO WEAPON (GUN) (BODY AXIS)	*STAMAN
YALJET	Y-ARM FROM CG TO LEFT JET (BODY AXIS)	*MANAL
YALWG	Y-ARM FROM CG TO AC OF LEFT WING PANEL (BODY AXIS)	*MANAL
YAPYL	(2) Y-ARM FROM SHAFT PIVOT TO ROTOR NACELLE CG (+RIGHT)	*STAMAN
YAPYLD	(2) Y-ARM FROM CG TO AC OF ROTOR NACELLE (BODY AXIS)	*MANAL
YAR	Y-ARM FROM CG TO ROTOR HUB (BODY AXIS)	*MANAL
YARJET	Y-ARM FROM CG TO RIGHT JET (BODY AXIS)	*MANAL
YARSP	(2) Y-ARM FROM CG TO SHAFT PIVOT POINT (+RIGHT)	*STAMAN
YARWG	Y-ARM FROM CG TO AC OF RIGHT WING PANEL (BODY AXIS)	*MANAL
YASTBZ	(4) Y-ARMS FROM CG TO STABILIZING SURFACES	*MANAL
YAWFLO	(10) SWITCH FOR UNSAN YAWED FLOW (0=OFF;1=L;2=D;3=BOTH)	*STAMAN
YD	(243,4) FIRST DERIVATIVES OF VARIABLES INTERGRATED (Y-DOT)	*FORYD
YEXT	(7,2) STORE/BRAKE AERODYNAMIC COEFFICIENTS	*STRIMA
YF	TOTAL Y-FORCE (BODY REFERENCE)	*MANAL
YFEXT	TOTAL Y-FORCE DUE TO EXTERNAL STORES (BODY AXIS)	*MANAL
YFEXTJ	TOTAL Y-FORCE DUE TO JETTISON OF EXTERNAL STORES	*MANAL
YFFUS	Y-FORCE AT CG DUE TO FUSELAGE + RTR NACELLE AERO (BODY AXIS)	*MANAL
YFGUN	Y-FORCE AT CG DUE TO WEAPON, ON GUN (BODY AXIS)	*MANAL
YFGW	Y-FORCE AT CG DUE TO GROSS WEIGHT	*MANAL
YFJTGN	Y-FORCE DUE TO JETS AND GUN (BODY AXIS)	*MANAL
YFJTSN	(4) Y-FORCE DUE TO JETTISON OF EACH EXTERNAL STORE	*MANAL
YFLJET	Y-FORCE DUE TO LEFT JET (BODY AXIS)	*STARAN
YFLWG	Y-FORCE AT CG DUE TO LEFT WING PANEL AERODYNAMICS (BODY AXIS)	*MANAL
YFMR	Y-FORCE AT CG DUE TO FORCES FROM MAIN ROTOR (BODY AXIS)	*MANAL
YFORCE	(2) ROTOR FORCE // TO SHAFT Y-AXIS (+RT FOR M/R; +LT FOR T/R)	*MANAL
YFRC	SUMMATION VARIABLE USED TO COMPUTE Y-FORCE	*ANDOIT
YFRJET	Y-FORCE DUE TO RIGHT JET (BODY AXIS)	*STARAN
YFRWG	Y-FORCE AT CG DUE TO RIGHT WING PANEL AERO (BODY AXIS)	*MANAL
YFS	(84) FUSELAGE AERODYNAMIC INPUTS	*MANAL
YFSD	(15) COEFFICIENTS FOR FUSELAGE NOMINAL ANGLE DRAG EQUATION	*STARAN
YFSL	(15) COEFFICIENTS FOR FUSELAGE NOMINAL ANGLE LIFT EQUATION	*STARAN
YFSL1	COEFFICIENT IN FUSELAGE HIGH ANGLE LIFT EQUATION	*STARAN
YFSL2	COEFFICIENT IN FUSELAGE HIGH ANGLE LIFT EQUATION	*STARAN
YFSL3	COEFFICIENT IN FUSELAGE HIGH ANGLE LIFT EQUATION	*STARAN
YFSP	(15) COEFFICIENTS FOR FUSELAGE NOMINAL ANGLE PITCHING MOM EQN	*STARAN
YFSP1	COEFFICIENT IN FUSELAGE HIGH ANGLE PITCHING MOMENT EQUATION	*STARAN
YFSP2	COEFFICIENT IN FUSELAGE HIGH ANGLE PITCHING MOMENT EQUATION	*STARAN
YFSP3	COEFFICIENT IN FUSELAGE HIGH ANGLE PITCHING MOMENT EQUATION	*STARAN
YFSR	(14) COEFFICIENTS FOR FUSELAGE NOMINAL ANGLE ROLLING MOM EQN	*STARAN
YFSR2	COEFFICIENT IN FUSELAGE HIGH ANGLE ROLLING MOMENT EQUATION	*STARAN
YFSS	(14) COEFFICIENTS FOR FUSELAGE NOMINAL ANGLE SIDE FORCE EQN	*STARAN
YFSS2	COEFFICIENT IN FUSELAGE HIGH ANGLE SIDE FORCE EQUATION	*STARAN
YFSTBZ	TOTAL Y-FORCE DUE TO STABILIZING SURFACES (BODY AXIS)	*MANAL
YFSTZ	(4) Y-FORCES ON STABILIZING SURFACES (BODY AXIS)	*MANAL
YFSY	(14) COEFFICIENTS FOR FUSELAGE NOMINAL ANGLE YAWING MOM EQN	*STARAN
YFSY2	COEFFICIENT IN FUSELAGE HIGH ANGLE YAWING MOMENT EQUATION	*STARAN
YFTR	Y-FORCE AT CG DUE TO FORCES FROM TAIL ROTOR (BODY AXIS)	*MANAL
YFXTR	(4) Y-FORCE DUE TO EACH EXTERNAL STORE (BODY AXIS)	*MANAL
YGSTW	Y-COMPONENT OF GUST AT WING (BODY AXIS)	*STRIMA
YGUST	Y-COMPONENT OF GUST VELOCITY AT CG (BODY AXIS)	*STAMAN
YGUSTR	Y-COMPONENT OF GUST VELOCITY AT HUB IN SHAFT REFERENCE	*STARAD
YGUSTS	(4) Y-COMPONENT OF GUST AT STAB. SURFACES (BODY AXIS)	*MANAL

TABLE 12. Concluded.

YGUSTX	(4) Y-COMPONENT OF GUST AT EXTERNAL STORES (BODY AXIS)	*MANAL
YRR	(35,10) ROTOR AIRFOIL AERODYNAMIC SUBGROUP INPUTS	*INSTAR
YRRMS	(36,2) BLADE LEAD-LAG MODE SHAPE DATA	*INSTAR
YRTR	Y-DISTANCE FROM ROTOR HUB TO BLADE SEGMENT (SHAFT AXIS)	*STARAD
YSAERO	(36,5) AERO SURFACE AERO INPUTS AFTER INIT. BY YSINIT	*STARAN
YSHR	(2) LATERAL SHEAR FORCE AT HUB	*MANAL
YSHRN	DOUBLE PRECISION ACCUMULATOR FOR LATERAL SHEAR	*ANDOIT
YSTAH	(2) Y-LOCATION OF ROTOR HUB (GROUND REFERENCE) (FEET)	*MANAL
YSTBZ	(28,5) AERO SURFACE AERODYNAMIC INPUTS (5=WING)	*INSTAR
YSTB1	(28) STABILIZING SURFACE #1 INPUTS (AERODYNAMICS)	READIN
YSTB2	(28) STABILIZING SURFACE #2 INPUTS (AERODYNAMICS)	READIN
YSTB3	(28) STABILIZING SURFACE #3 INPUTS (AERODYNAMICS)	READIN
YSTB4	(28) STABILIZING SURFACE #4 INPUTS (AERODYNAMICS)	READIN
YWG	(28) WING GROUP INPUTS (AERODYNAMICS)	READIN
YY	GROUND REFERENCE Y-COMPONENT OF DISTANCE FLOWN	*STAMAN
YYD	Y-VELOCIY IN GROUND REFERENCE	*STRIMA
ZAEXT	(4) Z-ARMS FROM CG TO EXTERNAL STORES (BODY AXIS)	*STRIMA
ZAFUS	Z-ARM FROM CG TO AERO DATA REF POINT (BODY AXIS)	*MANAL
ZAGUN	Z-ARM FROM CG TO WEAPON (GUN) (BODY AXIS)	*STAMAN
ZAJET	Z-ARM FROM CG TO JET (AUX. PROPULSION) (BODY AXIS)	*MANAL
ZAPYL	(2) Z-ARM FROM SHAFT PIVOT TO ROTOR NACELLE CG (+DOWN)	*STAMAN
ZAPYLD	(2) Z-ARM FROM CG TO AC OF ROTOR NACELLE (BODY AXIS)	*MANAL
ZAR	Z-ARM FROM CG TO ROTOR HUB (BODY AXIS)	*MANAL
ZARSP	(2) Z-ARM FROM CG TO SHAFT PIVOT POINT (+DOWN)	*STAMAN
ZASTBZ	(4) Z-ARMS FROM CG TO STABILIZING SURFACES	*MANAL
ZAWG	Z-ARM FROM CG TO WING AERODYNAMIC CENTER (BODY AXIS)	*MANAL
ZDELT1	FIRST TIME OR AZIMUTH INCREMENT FOR MANEUVER	*STRIMA
ZDELT2	SECOND TIME OR AZIMUTH INCREMENT FOR MANEUVER	*STAMAN
ZETAR	(2,2) MAST TILT ANGLES: (DIRECTION,ROTOR)	*MANAL
ZF	TOTAL Z-FORCE (BODY REFERENCE)	*MANAL
ZFEXT	TOTAL Z-FORCE DUE TO EXTERNAL STORES (BODY AXIS)	*MANAL
ZFEXTJ	TOTAL Z-FORCE DUE TO JETTISON OF EXTERNAL STORES	*MANAL
ZFFUS	Z-FORCE AT CG DUE TO FUSELAGE + RTR NACELLE AERO (BODY AXIS)	*MANAL
ZFGUN	Z-FORCE AT CG DUE TO WEAPON, OR GUN (BODY AXIS)	*MANAL
ZFGW	Z-FORCE AT CG DUE TO GROSS WEIGHT	*MANAL
ZFJTGN	Z-FORCE DUE TO JETS AND GUN (BODY AXIS)	*MANAL
ZFJTSN	(4) Z-FORCE DUE TO JETTISON OF EACH EXTERNAL STORE	*MANAL
ZFLJET	Z-FORCE DUE TO LEFT JET (BODY AXIS)	*STARAN
ZFLWG	Z-FORCE AT CG DUE TO LEFT WING PANEL AERODYNAMICS (BODY AXIS)	*MANAL
ZFLWG1	Z-FORCE ACTING ON LEFT WING PANEL AT PREVIOUS TIME POINT	*MANAL
ZFMR	Z-FORCE AT CG DUE TO FORCES FROM MAIN ROTOR (BODY AXIS)	*MANAL
ZFRJET	Z-FORCE DUE TO RIGHT JET (BODY AXIS)	*STARAN
ZFRWG	Z-FORCE AT CG DUE TO RIGHT WING PANEL AERO (BODY AXIS)	*MANAL
ZFRWG1	Z-FORCE ACTING ON RIGHT WING PANEL AT PREVIOUS TIME POINT	*MANAL
ZFSTBZ	TOTAL Z-FORCE DUE TO STABILIZING SURFACES (BODY AXIS)	*MANAL
ZFSTZ	(4) Z-FORCES ON STABILIZING SURFACES (BODY AXIS)	*MANAL
ZFTR	Z-FORCE AT CG DUE TO FORCES FROM TAIL ROTOR (BODY AXIS)	*MANAL
ZFXTR	(4) Z-FORCE DUE TO EACH EXTERNAL STORE (BODY AXIS)	*MANAL
ZLLDUJ	(5) INCREMENT TO ZLL OF AERO SURFACE DUE TO J-CARD INPUTS	*STAMAN
ZLLINC	(6) INCREMENT TO ZERO LIFT LINE ANGLE (5=LT WING;6=RT WING)	*STAMAN
ZLLOCK	(5) LOCK FOR ZLL INCIDENCE OF AERO SURFACES (0=UNLOCKED)	*STRIMA
ZMAX1	TIME TO END FIRST (START SECOND) TIME INCREMENT IN MANEUVER	READIN
ZMAX2	TIME TO END SECOND (RESTART FIRST) TIME INCREMENT IN MANEUVER	*STAMAN
ZMAX3	TIME TO END MANEUVER AFTER FIRST TIME INCREMENT RESTARTED	*STAMAN
ZRTR	Z-DISTANCE FROM ROTOR HUB TO BLADE SEGMENT (SHAFT AXIS)	*STARAD
ZSTAH	(2) Z-LOCATION OF ROTOR HUB (GROUND REFERENCE) (FEET)	*STRIMA
ZZ	GROUND REFERENCE Z-COMPONENT OF DISTANCE FLOWN	*MANAL
ZZD	Z-VELOCIY IN GROUND REFERENCE	*STRIMA
ZZTR	TAIL ROTOR ALTITUDE	*MANAL

TABLE 13. STAB DIAGNOSTIC SWITCH IN AGAP80

IPL(90)	Variable
1	FUS. U
2	FUS. W
3	FUS. Q
4	FUS. V
5	FUS. P
6	FUS. R
7	M.R. F/A FLAP RATE
8	M.R. LAT FLAP RATE
9	T.R. F/A FLAP RATE
10	T.R. LAT FLAP RATE
11	M.R. F/A FLAP DISP
12	M.R. LAT FLAP DISP
13	T.R. F/A FLAP DISP
14	T.R. LAT FLAP DISP
15	PYLON 1, MODE 1 RATE
16	PYLON 1, MODE 2 RATE
17	PYLON 1, MODE 3 RATE
18	PYLON 1, MODE 4 RATE
19	PYLON 2, MODE 1 RATE
20	PYLON 2, MODE 2 RATE
21	PYLON 2, MODE 3 RATE
22	PYLON 2, MODE 4 RATE
23	PYLON 1, MODE 1 DISP
24	PYLON 1, MODE 2 DISP
25	PYLON 1, MODE 3 DISP
26	PYLON 1, MODE 4 DISP
27	PYLON 2, MODE 1 DISP
28	PYLON 2, MODE 2 DISP
29	PYLON 2, MODE 3 DISP
30	PYLON 2, MODE 4 DIPP